

FOURTH YEAR

1892.

*Academy Architecture.*



WINTER WARMTH AND COMFORT.

# HEATING APPARATUS.

GRUNDY'S SPECIALITY.

PURE WARM AIR.

*Upwards of ONE THOUSAND Testimonials Received.*

COMBINATION of PURE WARM AIR and HOT WATER,

As Supplied to Londonderry Cathedral, Truro Cathedral, Cardiff New Catholic Cathedral, Kilmore Cathedral, Stanley Cathedral, Falkland Islands.  
Colleges: Oxford, &c. &c.

From G. D. BLAKE, Esq., Ashleigh, Dorking, Dec. 22nd, 1889.  
DEAR SIR,—The apparatus which you have erected at my house is working extremely well, and I shall be very happy to give you a testimonial, if you wish it.—Yours faithfully.

The following lines composed by Mr. BLAKE, accompanied the above letter:—

*Who scares Jack Frost and Billy Snow?  
Who makes our feet and fingers glow  
With genial warmth from top to toe?*

'Tis GRUNDY.

*Who keeps us free from doctors' bills,  
From chemists' powders, draughts, and pills.  
From coughs and colds, catarrhs and chills?*

It's GRUNDY.

*Who makes the little children thrive?  
Who keeps the old folk all alive,  
With temperature at fifty-five?*

Our GRUNDY.

*No little  
No cheeks  
No fear o*

*Who keep  
No sign o  
If you lo*

*No more  
But hear  
At home,*

*And now  
In drinki  
We won't*

From G. HEATON ELLIS, Esq.  
DEAR SIR,—Wyddiell Hall (Heating).—I have the pleasure to inclose my cheque is eminently satisfactory, and warms the house well. Before the "Grundy" was introduced in winter.

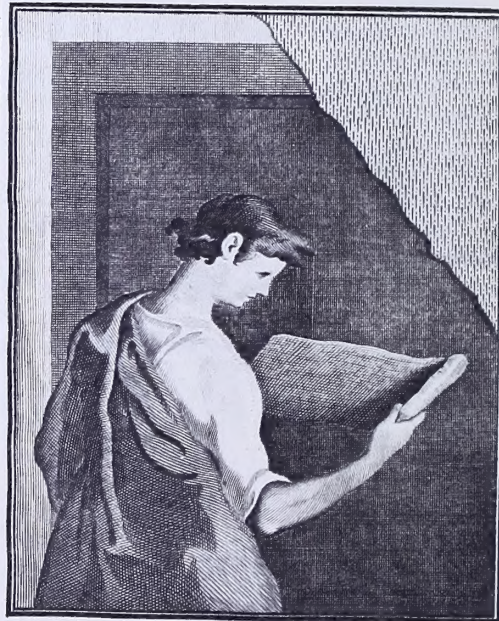
Book of Testimonials gladly forwarded Gr

## JOHN GR

30 DUNCAN TERRACE, CITY ROAD, LONDON; and

Telegrams: "JOHN GRUNDY," London.

N.B.—Pe





WINTER WARMTH AND COMFORT.

## HEATING APPARATUS.

Grundy's Speciality.

Pure Warm Air.

UPWARDS OF ONE THOUSAND TESTIMONIALS RECEIVED.

COMBINATION OF PURE WARM AIR AND HOT WATER.

AS SUPPLIED TO

Truro Cathedral; Londonderry Cathedral; Sherborne Abbey; Kilmore Cathedral; Stanley Cathedral; Falkland Islands; Cardiff Catholic Cathedral; the Queen's School Chapel, Eton; Cork Asylum; Leicester Asylum; and to upwards of three thousand Places of Worship; and a great number of Mansions, Houses, Hotels, Hospitals, Schools, Warehouses, Factories, Workhouses, &c.

7, Welbeck Street, Cavendish Square, London, W.

*January 16th, 1892.*

Dear Sir,—I cannot do better than recommend your Warm Air Apparatus to friends. The warming of this house is very satisfactory.—Yours truly,

C. VINCENT COTTERELL.

20, Inverness Terrace, London, W.

MR. J. GRUNDY,—Dear Sir,—I am pleased to say that the Warm Air Apparatus you fixed in this house is very successful.

I get sufficient heat not only for the hall and staircase but also for the conservatories adjoining the house.—I am, Dear Sir, Yours faithfully,

C. E. SHEPPARD.

170, Church Street, Stoke Newington, N.

*November 24th, 1891.*

WYNNE E. BAXTER, J.P., D.L., Her Majesty's Coroner for East London, &c., writes—

I forward you cheque in payment of your account. I have recommended your system of heating.

To Mr. JOHN GRUNDY.

Baun Aboo, Wexford.

*December 18th, 1891.*

COLONEL MAGRATH writes—

Dear Sir,—Your system is exactly what I strongly advocated a quarter of a century ago.

Yours seems to be the same idea throughout and perfected. I recommend friends to have Air Chambers constructed in their houses, for effectual warming and ventilating.

Lawn Upton, Littlemore.

*January 2nd, 1892.*

SIR WILLIAM HERSCHEL, Bart., writes—

MR. GRUNDY,—I have the pleasure to forward you cheque for the Warm Air Furnace. The air is incomparably sweeter than it was when the hot water pipes were used. When properly charged the fire can be kept alight for eighteen hours without attention.

Aden, Mintlaw, Aberdeenshire.

*November 28th, 1891.*

COLONEL RUSSELL writes—

Sir,—I am glad to say the Apparatus which you put into this house, has worked well and given great satisfaction.

I purpose building a Village Hall, and will have your Apparatus to warm it. Particulars will follow.

To Mr. JOHN GRUNDY, 30, Duncan Terrace, London.

Newbyth Rink, Preston, N.B.

SIR DAVID BAIRD, BART., writes—

Sir,—I this day forward you cheque for your account for Warm Air Apparatus supplied to this house.

The "Grundy" seems to be going on satisfactorily, and the house this cold weather is much the better for it.

"Lake View," Woodberry Down, London, N.

*January 22nd, 1892.*

Mr. JOHN GRUNDY,—Dear Sir,—The Heating Apparatus you fixed at this house last year is very satisfactory.

I find the whole thing works exceedingly well, &c., &c.

PERCY D. SMITH.

Book of Testimonials gladly forwarded gratis on application to

### JOHN GRUNDY,

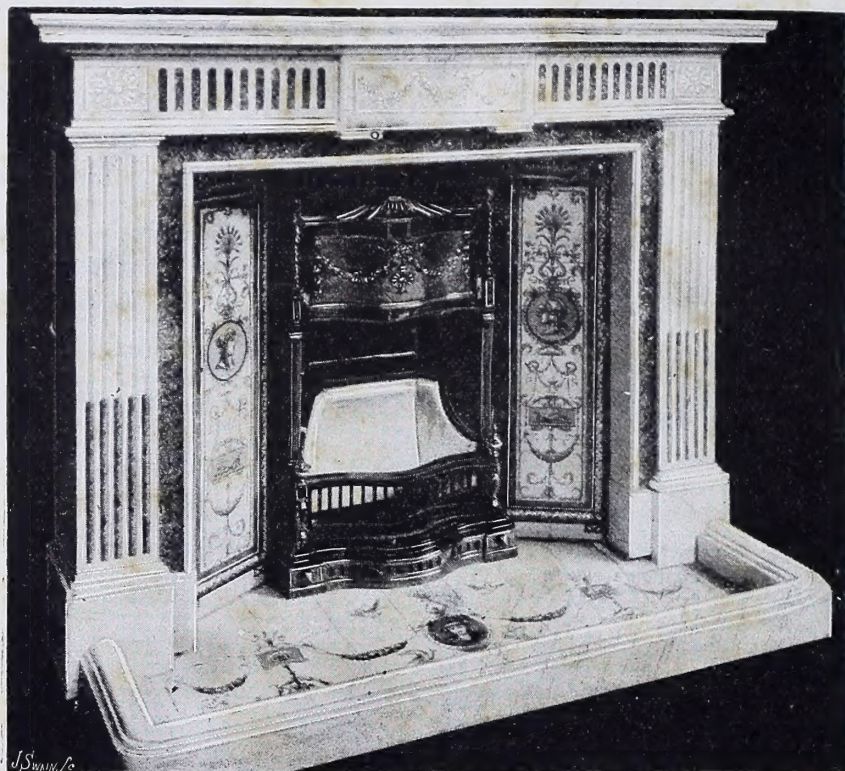
30, DUNCAN TERRACE, CITY ROAD, LONDON, and TYLDESLEY, near MANCHESTER.

Telegrams, "JOHN GRUNDY, LONDON."

N.B.—Perfect success guaranteed, or no pay.



# BENHAM & SONS.



CHIMNEY-PIECES, STOVES, TILES,  
Cooking Apparatus, Kitcheners,

*Laundries, Lifts, Engineering, Electric Lighting, Electric Bells.*

---

WIGMORE STREET, LONDON.



# ACADEMY ARCHITECTURE

AND

## Annual Architectural Review, 1892.

EDITED BY

ALEX. KOCH, Architect,

*Membre Honoraire de la Société des Peintres et Sculpteurs Suisse, Expert et Membre du Jury  
à l'Exposition Nationale Suisse, &c.*

CONTAINING

I.—A Selection of the most prominent Architectural Drawings hung at the  
Royal Academy Exhibition.

II.—A Review of interesting Architectural subjects carried out or designed  
during the last few years in England and Abroad.

---

BY SPECIAL PERMISSION.

*Copyright in every case strictly reserved.*

---

NA  
1  
A17  
V.4

PUBLISHED AT "ACADEMY ARCHITECTURE,"

58 THEOBALDS ROAD, LONDON, W.C.

LONDON—SIMPKIN, MARSHALL, HAMILTON, KENT,  
AND Co., LIMITED.

LEIPZIG—W. OPETZ, Brüderstrasse, 61.

ZURICH—CAESAR SCHMIDT.

PARIS—ANDRÉ DALY FILS & Cie., 51 Rue des Écoles.

BRUSSELS—E. LYON-CLAESEN, 8 Rue Berckmans.

AMSTERDAM—JOH. G. STEMLER Cz., Haarlemmer-  
straat, 2.

ROME—MODES & MENDEL, 146 Corso.

MADRID—LIBRERIA NACIONAL Y EXTRANJERA, 59  
Jacometrezo.

STOCKHOLM—BLAEDEL & Co. (G. CHELIUS).

CHRISTIANIA—CAMMERMEYERS BOGHANDEL, Carl  
Johansgade, 41 & 43.

ST. PETERSBURG—CARL RICKER, Nevsky Prosp.  
No. 14.

ATHENS—CARL BECK.

CONSTANTINOPLE—OTTO KEIL, 457 Grand' rue de  
Péra.

MELBOURNE, SYDNEY & ADELAIDE—GEORGE ROBERTSON & Co



THE ART METAL WORKS  
 STANHOPE ST  
 EVSTON RD NW

# RASHLEIGH PHIPPS & DAWSON

Electric Light Installations carried out in all parts of the world, Estimates on application

Special attention given to Design & Execution of Wrought Iron Work.

Electroliers  
 Pendants  
 Brackets  
 & Lanterns  
 All fittings  
 in Brass  
 Silver  
 or Wrought Iron.

Gates Grilles  
 Railings  
 Stair Panels  
 Balconies  
 Signs Vanes  
 & all kinds of  
 outside Wrought  
 Iron Work.

SHOWROOM & OFFICES 53 BERNERS ST W



# ACADEMY ARCHITECTURE

Will be published every year on the Second Monday in May.  
Parait toutes les années le deuxième Lundi du mois de Mai.  
Erscheint jedes Jahr am zweiten Montag des Monats Mai.

## 1892. — LIST OF CONTENTS — 1892.

AITCHISON, Professor George, A.R.A., 150 Harley Street, w.	24	DOUGLAS AND FORDHAM, 6 Abbey Square, Chester.	26
Interior of a Library in London, 1703		The Wern, Tremadoc, North Wales. 1775	
AMÉEN, G., Architect, Stockholm.	115	DRURY, Alfred, 6 Gunter Grove, Chelsea, s.w.	153
Design for an Hotel at a Watring place near Stockholm		Harmony—Statue. 1854	
ANDRE, G.D., Architect, 82 Avenue de Saxe, Lyons.	151	DUNN, John, F.R.I.B.A., 1 John Street, St. James's Square, s.w.	83
Monument to Pierre Dupont		The Clock House, Arundel Street, Strand	8
ARCHER & HOOPER, 14 Sackville Street, w.	78	New Library, Howard Street, Strand, w.c. 1788	168
Residence, Wickham Road, Beckenham		DZN, J. Verheul, Architect, Rotterdam.	
BARNET, Nahum, Architect, Melbourne, Australia.	139	Church at Apeldoorn	89
Two Suburban Houses, St. Kilda, Melbourne	139	ENDE AND BOECKMANN, Architects, Berlin.	
City Buildings, Collins Street, Melbourne		Business Premises of the Disconto Gesellschaft, Berlin	136
BARTHOLDI, Frédéric Auguste, Sculptor, Paris.	149	ERDMANN AND SPINDLER, Architects, Berlin.	
"Alsace and Lorraine"	157	Villa Ebeling at Wannsee, Berlin	123
Washington and Lafayette		FITTSCHEN, H., Architect, Hamburg	121
BATEMAN & BATEMAN, 81a Edmund Street, Birmingham.	43	Business Premises for Herrn Paul F. Knapcke, Hamburg	
Firsdene, Licker, Bromsgrove. 1659		FLETCHER, Prof. Banister, F.R.I.B.A., 29 New Bridge Street, e.c.	80
BELCHER, John, F.R.I.B.A., 20 Hanover Square, w.	34	Ladywell, West Hampstead	80
Design for South Kensington Museum, Detail, Elevation.	50	The Turret, West Hampstead	
1675		FLOCKTON AND GIBBS, 15 St. James's Row, Sheffield.	67
"Institute of Chartered Accountants, Portion of Elevation.	35	The "Sheffield Independent" Offices	
1728		FORD, E. Onslow, A.R.A., 62 Acacia Road, St. John's Wood, n.w.	152
House at Royston, Herts. 1806	38	Shelley Memorial 2002	
Studio, Melbury Road, w. 1813	38	FREUDENBERG, B., Architect, Moscow.	108
Mark Ash, Abinger. 1814	39	Business Premises for General Tolmatschoff, Moscow	109
Convalescent Home, Chatham. 1805	39	Private Museum and Library for M. Stehukine, Moscow	
BELTRAMI, Luca, Architect, Milan.	103	GEORGE, ERNEST, & PETO, 18 Maddox Street, Regent Street, w.	19
Palazzo Marino	104	House and Studio, Palace Court, Bayswater. 1801	23
Model of the New Façade for the Milan Cathedral		" 1801. Plans	
BEYAERT, Henri, Architect, Brussels.	91-92	Country House, Dorset. 1722	20
Château de Faulx, Commune de Goyet, Belgium	93-95	Cottages, Eaton Hastings, Berks. 1769	21
Château de Wespelaar, Belgium		Dining Room, for W. S. Salting, Esq. 1721	23
BINYON, Brightwen, A.R.I.B.A., Princes St. Chambers, Ipswich.	81	Detail, Library, for W. S. Salting, Esq. 1721	23
Turret Staircase, Stannore Hall.		GODDARD, R. W. K., 17 Buckinghamham Street, Strand, w.c.	32
BOESCH, A., Sculptor, Zürich.	154	Vicarage House, Clacton-on-Sea. 1841	
"Echo"		GOLDIE, CHILD, & GOLDIE, 10 Kensington Square, w.	25
BOUVIER, Paul, Architect, Neuchâtel.	111	Proposed Roman Catholic Church. 1738	62
Competition Design for Decorative Fountain		Catholic Church and Presbytery, Aylesbury	
BREWILL, Arthur W., Pelham Chambers, B., Angel Row, Nottingham.	60	GROCCOCK, G. H., Bute Estate Office, Cardiff.	33
Sunnybank, Mapperley Park, Nottingham	72	Proposed Houses at Ledbury. 1739	
Inglewood, Edwalton, near Nottingham		GROS, Jacq., Architect, Zürich.	110
BRIGGS, R.A., F.R.I.B.A., 2 Devonshire Square, Bishopsgate, E.C.	31	Design for a Restaurant on the Lake of Zürich	112
Flats at Earl's Court Square, S.W. 1744	84	SWISS Chalet, Zürich, for Tobler-Blumer, Esq.	
Pair of Houses at Burnt Ash Hill, Lee		HAUBERISSER, Professor G., Architect, Munich.	126
BROCHIES, Professor Frz., Architect, Nürnberg.	130	Luitpolds—Kron	
Roccoco Staircase	131	HÉBERT, Philippe, Sculptor, Paris.	155
Hall in a Hunting Castle		Lord Elgin and Kincardine, K.T.P.C., Governor of Canada,	155
BROWN, W. E. & F. 2 Whittington Avenue, E.C.	66	A.D. 1848	
No. 18 Bishopsgate Street Within, E.C.	143	Frontenac, Governor of Canada, A.D. 1690	
BRUNNER & TRYON, Architects, New York, U.S.A.		HEDLUND & RASMUSSEN, Architects, Gothenburg.	113
West Front of Temple Beth El, New York City		Double House, 11 Victoriastrasse, Gothenburg	113
BRYDON, J. M., F.R.I.B.A., 5 Cambridge Place, Regent's Park, N.W.	47	Svea Fire and Life Insurance Company's Offices, Gothenburg.	
Municipal Buildings, Bath, Selected Design. 1734	96	HODKINSON, Edward, 35 Pepper Street, Chester.	74
BUYCK, René, Architect, Bruges	97	Sketch for a College Chapel	
Château at St. Croix, Belgium	59	HOOPER, Francis, A.R.I.B.A., 14 Sackville Street, w.	49
Hôtel de Ville, Monsconr, Belgium	83	An Architect's Home at Beckenham. 1706	
Chapel-of-Ease, Celehill, Wimborne	153	HORSLEY, Gerald C., 14 Hart Street, Bloomsbury Square, w.c.	30
Adelphi Bank, Liverpool		New Organ for the Church of St. Mary, Botesford. 1639	
CHATROUSSE, E., Sculptor, Paris.	114	JACKSON, Thomas G., A.R.A., 14 Buckingham Street, Strand, w.c.	17
Nourrière		The New Library and Class-rooms, Uppingham School	51
CLASON, J. G., Architect, Stockholm.	114	St. Peter's College, Radley, New Cloister and Proposed	169
Nordisches Museum at Stockholm		New Chapel and Hall	
COLLIS, Thomas E., F.R.I.B.A., 36 Bloomsbury Square, w.c.	13	The New Library, Uppingham School. 1876	
The Queen's Tower, Imperial Institute. 1644	42	JAMES, T. E. Lidiard, 27 Chancery Lane, w.c.	73
Rivernook, Wraybury. 1803	155	Semi-detached Villas, Colwyn Bay, North Wales	
CROISY, A., Sculptor, Paris.	158	JANLET, Em., Architect, Brussels.	90
"L'Architecture:" Statue for the Decoration of the Louvre		Château de Mons. De Foer-Bey, Jodoigne, Belgium	87
Lolotte		JANSENS, Wynand, Architect, Brussels.	
CUYPERS, Joseph Th. G., Architect and Civil Engineer, Amsterdam.	102	House, Place de l'Industrie, Brussels.	76
Design for Parochial Church of Notre Dame (l'Assomption)	106	JOSEPH, Delissa, F.R.I.B.A., 17 and 18 Basinghall Street, E.C.	122
Raamsdonkveer (Pa's-Bas)	103	Hampstead Synagogue	123
D'ARONCO, R., Architect, Messina.		KAYSER & VON GROSZHEIM, Architects, Berlin.	
Accepted Competition Design for the façade of the Architectural Exhibition Building, Turin, 1890	88	Villa Kayser, Neubabelsburg	116
Design for Commemorative Monument		31a Arctis-Strasse, Munich	
Competitive Design for Monument		LALLERSTEDT, Erik, Architect, Stockholm.	110
DE CURTE, Louis, Architect, Brussels.	98	House at Småland, Sweden	
Memorial to His late Majesty Leopold I., King of the Belgians		LOCKWOOD, Thomas M., F.R.I.B.A., Chester.	27
DONALDSON AND MEIER, Architects, Detroit, Michigan, U.S.A.	142	Caer-Hun, North Wales. 1811	
New Hotel, Detroit, for the Estate of E. A. Brush		MAC LAREN, Thomas, 4 Barton Street, Dean's Yard, s.w.	68
		Double Cottage, Crawley Down, Sussex	
		MALLOWS, C. E., 4 Barton Street, Dean's Yard, s.w.	70
		The Cloisters, St. Trophime, Arles, Bouches du Rhone	
		MARCH, Otto, Architect, Charlottenburg.	118
		Villa at Radebeul, near Dresden	
		MARSHALL & TURNER, Cauldon Place, Nottingham.	85
		Billiard-room Fireplace, Copt Hall	
		MAY, E. J., F.R.I.B.A., 21 Hart Street, Bloomsbury Square, w.c.	52
		House in Connecticut. 1627	



MEE, Frank W., 100 King Street, Manchester. House at Birkdale. 1764 .....	33	SCHILLING & GRAEBNER, Architects, Dresden. Electrical and Water Works, for the Commune Loschwitz ...	117
MORETTI, Professor Gaetano, Architect, Milan. Altar Piece for the Church of San Francisco, Vizevano .....	99	Villa Franz v. Sonthan .....	119
Design for the completion of the Church Front of S. Sepolcro, Milan .....	101	" " " " Hall .....	120
Design for New Church of Santa Maria sul Naviglio .....	105	Church at Radebeul, near Dresden .....	134
MORRIS, James A. & Hunter, 6 Delahay Street, Westminster, S.W. Working Men's Unionist Club, Ayr .....	75	SCHMIDT, Professor Heinrich Freiherr von, Architect, Munich. St. Katherine's Church, Oppenheim, as restored (South view) .....	132
MOUNTFORD, Edward W., 17 Buckingham Street, Strand, w.c. Sheffield Municipal Buildings, Grand Staircase. 1679 .....	14	SCHWEINFURTH, C. F., Architect, Cleveland, Ohio, U.S.A. Country Residence for Willson B. Chisholm, Esq. ....	141
" " " " View from Cheney Row. 1628 .....	36	Sketch for proposed Cleveland Art School .....	144
" " " " View of Surrey Street Front. 1737 .....	37	Residence for G. W. Stockley, Esq., Lakewood, N.J. ....	144
" " " " Battersea Polytechnic Institute, 1768 .....	45	SEARLES-WOOD, H. D., F.R.I.B.A., 157 Wool Exchange, E.C. The Nook, Sutton, Surrey .....	77
MÜHLKE, C., & O. POETSCH, Architects, Berlin. Rathhaus, Münsterberg, Schlesien .....	134	House for H. Carty, Esq., Sutton, Surrey .....	77
MULLINS, E. Roscoe, 24 Greville Road, St. John's Wood, N.W. A Scytheman .....	154	SEDDON AND CARTER, 74 St. Mary Street, Cardiff. All Saints' Church, Penarth, Glamorgan. 1826 .....	16
MUNTKE, H., Architect, Torogalen 7, Christiania. Frognerseterskoven Park, Christiania .....	112	SMITH, ROGER, SON, & GALE, 130 Temple Chambers, Whitefriars, E.C. Competitive Design for Polytechnic Institute, Battersea. 1773 .....	44
NEWMAN, Dudley, F.R.I.B.A., 31 Tooley Street, S.E. Sketch for a Garden Entrance .....	61	Additions to Uplands, Heathfield, Sussex. 1856 .....	S 162
Design for Altar Cloth for S. Mary Magdalene Church, Chis- wick .....	81	SPALDING & GRENNANDER, Architects, Berlin. Business Premises in Dresden .....	128
NEWTON, Ernest, F.R.I.B.A., 14 Hart Street, Bloomsbury Square, w.c. Staircase, Buller's Wood, Chiselhurst. 1680 .....	53	" " " " Elevation to Waisenhaus-strasse .....	129
OWEN, William, F.R.I.B.A., Cairo Street Chambers, Warring- ton Eversley, Frodsham, Cheshire .....	61	STEVENS, John Calvin, Architect, Portland, Maine, U.S.A. "The Metallurg" on Lombard's Hill, Colebrook, N.A. ....	140
New Premises, Southport, for Parr's Banking Co., Limited. PERCIVAL, Walter, Gold Medalist, R.I.B.A. 65 Caroline Street, Longton, Staffordshire .....	73	STOKES, Leonard, 7 Storey's Gate, St. James's Park, S.W. New Church, Miles Platting, Manchester (Interior). 1714... (Exterior) .....	15
Design for Timber Spire. 1827 .....	41	STREET, A. E., M.A., A.R.I.B.A., 14a Cavendish Place, w. New Wing to St. Agnes' School, East Grinstead. 1724 .....	24
PFANN, Paul, Architect, Tech. Hochschule, Munich. 3rd premiated design for Town Hall, Pforzheim .....	124	THORP, Henry Bell, Goole. New Bank &c., Goole for Messrs. Beckett & Co. ....	84
2nd premiated design for Town Hall for Geestemünde .....	125	TOFT, Albert, Trafalgar Studios, Manresa Road, Chelsea, S.W. Fate-led—Marble Statue. 2007 .....	154
PISTRUCCI, C., Architect, Rome. Palazzo Massinio alla Ferme, Rome .....	107	VAUDREMER, E., Architect, Rue de Grenelle, St. Gn. 116, Paris. Greek Church, Rue Bizet, Paris .....	100
PITE, Beresford, A.R.I.B.A., 20 Hanover Square, w. Mission Hospital, Jerusalem. 1776 .....	28	WALLER AND SON, 17 College Green, Gloucester. House at Sunningdale, for Sir Joseph Hooker, C.B. ....	65
St. Marylebone General Dispensary. 1668 .....	53	WALLER, Frederick W., F.R.I.B.A., 17 College Green, Gloucester. House at Eastbourne, for Professor Huxley, F.R.S. 1748 ...	48
POLEY, E. W. A.R.I.B.A., 22 Surrey Street, Strand, w.c. Glenroy, Finchley .....	79	House at Haslemere, for Professor Williamson, F.R.S. ....	64
PRENTICE, Andrew N., 38 Rosetti Mansions, Cheyne Walk, S.W. Glasgow Art Galleries, Competitive Design. 1892 .....	46	WATSON, Paxton H., A.R.I.B.A., 22 Walbrook, E.C. House near Crooksbury, Farnham .....	72
PRESTON & VAUGHAN, Diocesan Chambers, Manchester. St. Augustine's Church, Brinksway. 1726 .....	32	WHEELER, Frederick, F.R.I.B.A., 22 Chancery Lane, W.C. Design for Church of the English Martyrs, Streatham, S.W. ...	82
Design for New Church, Heap Bridge. 1905 .....	S 166	WILSON, H., 447 Oxford Street, W. Hunting Lodge, near Malmesbury, Wilts. 1693 .....	25
QUITTNER, Sigmund, Architect, Budapest. Competition Design for the Budapest Premises of the New York Life Assurance Company .....	137	New Tower, St. Mary's Church, Lynton. 1788 .....	40
REYNOLDS-STEPHENS, W., 33 St. Leonard's Terrace, Chelsea, S.W. A Wall Fountain—Bronze. 1921 .....	11	Entrance Lodge at Welbeck Abbey .....	63
Pleasure. 1022 .....	54	Design for Altar and Retable .....	71
RIETH, Otto, Architect, Bulowstrasse, 101, Berlin. Tower. Sketch .....	57	Altar Cross for Private Chapel, Welbeck Abbey. 1698 .....	156
Sketch for a Town Hall .....	127	Pastoral Staff for the Bishop of St. Asaph, designed by the late John D. Sedding. 1771 .....	156
Sketches .....	135	WILSON, J. Buckley, F.R.I.B.A., and T. E. Lidiard JAMES, M.S.A., 27 Chancery Lane, W.C. Villa Residence, Surbiton Hill .....	63
ROBSON, E. R., F.R.I.B.A., 9 Bridge Street, Westminster, S.W. Clock Tower of the People's Palace for East London .....	82	WOODTHORPE, Edmund, M.A., 1 Circus Place, E.C. Cottage for Schoolmaster, Churt, near Farnham .....	69
ROWAN, W. G., 234 West George Street, Glasgow. Sommerville Memorial Free Church, Keppochhill, Glasgow. 1715 .....	18	Additions and Alterations, Grayshott House, Hants .....	69
Trinity United Presbyterian Church, Pollokshields, Glasgow, 1791 .....	S 172	WORNUM, R. Selden, F.R.I.B.A., 26 Bedford Square, W.C. House at San Sebastian, Lodge and Gates. 1730 .....	17
SCHENCK, Fredk. E. E., 1a West Street, Pimlico, S.W. War—Relief. 1893 .....	158	Salon and Dining Room. 1704 .....	29
		Boathouse, Maidenhead Court. 1924 .....	S 163
		YSENDYCK, J. J. Van, Hon. Corresponding Member R.I.B.A., Architect, Brussels. Schools, Avenue de Birmingham, Anderlecht, near Brussels .....	97
		ZACHARICWICZ, Professor Julian Ritter von, Architect, Lemberg. Savings Bank, Lemberg .....	138

## CONTENTS OF SUPPLEMENT.

## DRAWINGS HUNG AT THE ROYAL ACADEMY EXHIBITION, 1891.

BUXTON, W. J., A.R.I.B.A., Imperial Buildings, Ludgate Circus, E.C. Residence, Kemnal Wood, Kent. 1892 .....	171	ROMAINE-WALKER AND TANNER, 19 Buckingham Street, W.C. Interior of the Great Hall, Rhinefield, Hampshire. 1790 .....	160
COWLISHAW, Thomas, 13 St. John's Hill Grove, Wandsworth, S.W. Design for Altar Piece. 1878 .....	159	ROWAN, W. G., 234 West George Street, Glasgow. Trinity United Presbyterian Church, Pollokshields, Glasgow. 1791 .....	172
DUNK, John, F.R.I.B.A., 1 John Street, St. James's Square, S.W. New Library, Howard Street, Strand, W.C. 1788 .....	168	SCOTT, J. Oldrid, F.R.I.B.A., 35 Spring Gardens, S.W. St. Mary's, Stoke Newington, Tower and Spire. 1821 .....	164
FLOCKHART, William, 180 New Bond Street, W. New House, Palace Court, Kensington. 1932 .....	173	Tower of the University Buildings at Glasgow. 1755 .....	165
HESKETH AND STOKES, 110 Cheapside, E.C. Entrance Hall, The Lodge, near Newmarket. 1938 .....	161	SMITH, Bernard, 3 Gray's Inn Square, W.C. View of New Nave, &c., St. Edmund's, Bungay. 1860 .....	170
JACKSON, Thomas G., A.R.A., 14 Buckingham Street, Strand, W.C. The New Library, Uppingham School. 1876 .....	169	SMITH, ROGER, SON, AND GALE, 130 Temple Chambers, White- friars, E.C. Additions to Uplands, Heathfield, Sussex. 1856 .....	162
PRESTON AND VAUGHAN, Diocesan Chambers, Manchester. Design for New Church, Heap Bridge. 1905 .....	166	WOOD AND AINSIE, 35 New Bond Street, W. Convalescent Home at Swanley. 1875 .....	174
PRYCE, Thomas E., A.R.I.B.A., 10 Gray's Inn Square, W.C. Oswestry Municipal Buildings (2nd premiated design). 1762 .....	167	WORNUM, R. Selden, F.R.I.B.A., 26 Bedford Square, W.C. Boathouse, Maidenhead Court. 1924 .....	163



# MANUFACTURERS' AND TRADES' DIRECTORY.

(Where not otherwise stated, the address is London.)

LONDON ist der adresse beizufügen wo bloss die Buchstaben des Postdistrikts angegeben sind.

LONDRES est à ajouter à l'adresse dans tous les cas où seulement les lettres du district postal sont données.

\* Advertiser in this Volume.

## ART METAL WORK:—

Brawn & Co., 64 Clement Street, Birmingham.  
Dewilde & Co., 10 and 11 Archer Street, Shaftesbury Avenue, W.  
Evered & Co., Ltd., Drury Lane, London; and Surrey Works, Smethwick.  
Hamilton, A. G., 14 Griffin Street, York Road, S.E.  
Hardman, Powell & Co., King Edward's Works, King Edward Road, Birmingham.  
Hart, Son, Peard, & Co., 53-58 Wych Street, 168 Regent Street, London; and Grosvenor Works, Birmingham.  
Jones, John, Walker's Croft, Victoria Station, Manchester.  
Jones & Willis, 79 Edmund Street, Birmingham; and 43 Great Russell Street, London.  
\*Longden & Co., 447 Oxford Street, W., and Phoenix Foundry, Sheffield.  
Standing & Co., 183 Princess Street, Manchester.  
Taylor & Tucker, Art Metal Co., Ltd., 9 Duke Street Mansions, Grosvenor Square, W.  
Winfields, Ltd., Cambridge Street Works, Birmingham.

## ASH CLOSETS:—

Parker, W. F., Worcester Place Works, Oxford.

## BARROWS (of all kinds):—

Ell, George, & Co., Bridge Wharf, Bishop's Road, Paddington, W.  
Rowland Bros., Steam Saw Mills and Fencing Works, Penny Stratford, Bucks.  
Sessions & Sons, Docks, Gloucester.

## BLINDS (WINDOW, &c.):—

Haskins, S. & Bros., 24 Old Street, E.C.  
Hodkinson & Co., Ltd., Small Heath, Birmingham.  
Janes & Son, 101 & 119 Aldersgate Street, E.C.  
Lowther, R. & Co., 40 South Lambeth Road, Vauxhall, S.W.

## BRICKS:—

Aylesford Pottery Co., Aylesford, near Maidstone, Kent; and 150 York Road, Lambeth, S.E.  
Barham Brothers, Brick and Tile Works, Bridgwater.  
Bracknell Pottery, Brick and Tile Co., Wick Hill, Bracknell, Berks.  
Brookham Brick Co., Ltd., Brookham, near Bletchworth.  
Building Estates Brickfields Co., 15 Walbrook, E.C.  
Burham Brick and Cement Co., 7 Nicholas Lane, Lombard Street, E.C.  
Cakenmore Blue Brick Co., Ltd., 123 Bishopsgate Street Within, E.C.  
Chambers, H., Abbey Brickfields, Faversham; and Burtons Wharf Potteries, Stepney, E.  
Cliff J. & Sons, Baltic Wharf, Waterloo Bridge, S.E.; and 2 and 4 Wharfs, G.N. Goods Station, King's Cross, N.  
Coles, Shadbolt & Co., Thornhill Wharf, Caledonian Road, N.  
Dunton Green Brick & Tile Works, Limited, Dunton Green, near Sevenoaks.  
Eastwood & Co., Ltd., Belvedere Road, Lambeth, S.E.  
Edwards, J. C., Ruabon.  
Ellis, Partridge & Co., Leicester; and 200 Phoenix Street, St. Pancras, N.W.  
\*Farnley Iron Co., Ltd., 77 Queen Victoria Street, E.C.

Gibbs & Canning, Tamworth.  
Hall, John & Co., Stourbridge.  
Hamblet, J., West Bromwich, Staffordshire.  
Hartshill Brick and Tile Co., Stoke-upon-Trent.  
Hathern Station Brick Co., Tamworth, Staffordshire.  
Leeds Fireclay Co., Ltd., Hipperholme, Yorkshire.  
Monkham's Brickfield, Waltham Abbey, Essex.  
Newton, J. & Sons, Falcon Dock, 78 and 79 Bankside, Southwark, S.E.  
Ploverman, T. & M., Brickfields, Upper Edmonton, N.  
Richardson, A. & W. T., Brunswick Wharf, Vauxhall; and 6 South Wharf, Paddington.  
Roshier & Co., Henley Road, Ipswich.  
Sessions & Sons, Docks, Gloucester.  
Skey, G. & Co., Ltd., Wilneote Works, near Tamworth.  
Smeed, Dean & Co., Ltd., Sittingbourne.  
Smith, T. & Co., Canal Potteries, S.E.; 50 and 51 Lime Street, E.C.  
Stanley Bros., Nuneaton.  
Trotter, Haines & Corbett, Stourbridge.

## BRICK ORNAMENT:—

\*Brown, James, Essex Wharf, Whitechapel, E.

## BRICK AND TILE MAKING MACHINERY:—

Taylor & Neate (W. R. Taylor Receiver & Manager), Medway Works, Rochester.  
Woolliscroft, G. & Son, Hanley, Staffordshire.

## BUILDERS' IRONMONGERY:—

Hart, Son, Peard & Co., 53-58 Wych Street, Strand, W.C.  
Sessions & Sons, Docks, Gloucester.  
Teuton & Robottom, 221 Upper Thames Street, E.C.  
Young & Co., Wolverhampton; and Gray's Inn Chambers, 20 Holborn, W.C.  
Young & Marten, Caledonian Works, Stratford, E.

## CARVING, WOOD AND STONE:—

Daymond, John & Son, 7, Edward Street, Vauxhall Bridge Road, S.W.  
Farmer & Brindley, 67 Westminster Bridge Road, S.E.  
\*Hand-Carved Wood Supply Co., 258 and 260, Old Street, E.C.  
Hitch, N., 60 Harleyford Road, Vauxhall, S.E.  
Jones & Willis, 79 Edmund Street, Birmingham; and 43 Great Russell Street, W.C.  
Millson, J. J., 24 City Road, Manchester.  
Turpin's Parquet Floor, Joinery, and Wood Carving Co., Ltd., 22 Queen's Road, Bayswater, W.

## CEMENT:—

Barham Brothers, Bridgwater.  
Brotherton & Co., Commercial Buildings, Leeds.  
Burham Brick and Cement Co., 7 Nicholas Lane, Lombard Street, E.C.  
Cliff J. & Sons, Baltic Wharf, Waterloo Bridge, S.E.; and 2 and 4 Wharves, G. N. Goods Station, King's Cross, N.  
Coles, Shadbolt, & Co., Thornhill Wharf, Caledonian Road, N.  
Coultas, W., South Durham Cement Works, Stockton-on-Tees.  
Earle, G. & T., 7 Pier Street, Hull.

Ellis, J. & Sons, 8 Market Street, Leicester.  
Francis & Co., Ltd., Bridge Foot, Vauxhall, S.W.  
Greaves, Bull, & Lakin, Warwick.  
Nelson, C. & Co., Ltd., 16 South Wharf, Paddington, W.  
Peters Bros., 2 Victoria Mansions, Westminster, S.W.  
Richardson, A. & W. T., Brunswick Wharf, Vauxhall, S.W.; and 6 South Wharf, Paddington, W.  
Robins & Co., Ltd., 7 Westminster Chambers, Victoria Street, S.W.  
Rugby Portland Cement Co., Rugby, Warwickshire.  
Sessions & Sons, Docks, Gloucester.  
Skelsey's Adamant, 121 High Street, Hull.  
Wallsend Cement Co., Ltd., Lombard Street, Newcastle-on-Tyne.  
Young & Marten, Caledonian Works, Stratford, E.

## CEMENT MAKING MACHINERY:—

Taylor & Neate (W. R. Taylor, Receiver & Manager), Medway Works, Rochester.

## CHIMNEY COWLS:—

\*Barton & Ballard, 151 Oxford Street, W.  
Berry, Z. D. & Sons, The Albion Works, Regency Street, Westminster, S.W.  
Boyle, R. & Son, Ltd., 64 Holborn Viaduct, E.C.  
Downes, 11 The Parade, Lewisham High Road, New Cross, S.E.  
Fryer, J. D. & W., Brecon, South Wales.  
Moore, F. Augustus, 59, 60, and 61 Hatton Garden, E.C.  
Patent Chimney Pot Co., 2 Butt's Court, Leeds.  
Sutcliffe, Wright, & Son, Globe Sanitary Works, Halifax.  
Way, J. & W., 19 Markham Street, King's Road, Chelsea, S.W.

## COOKING APPARATUS:—

\*Benham & Sons, Wignmore St., W.  
Goddard, Massey, & Warner, Nottingham.  
Killick & Cochran, Seel Street, Liverpool.  
\*Longden & Co., 447 Oxford Street, W., and Phoenix Foundry, Sheffield.

## DAMP PROOF COURSES:—

Briggs, W., Chemical Manufacturer, Dundee.  
Broomhall Tile and Brick Co., 181 Queen Victoria Street, E.C.  
Jennings, G., Lambeth Palace Road, S.E.  
Smith, T. & Co., 50 and 51 Lime Street, E.C.  
White, W., Abergavenny.

## DECORATING, &c.:—

Cotterell Bros., 11 Clare St., 8 Baldwin St. and 2 and 6 Marsh St., Bristol.  
Hanks, H., 39 Berners Street, W.  
\*Howard & Sons, 25, 26, 27 Berners Street, W.  
Pitman & Son, 30 Newgate Street, E.C.

## DOOR SPRINGS AND HINGES:—

\*Adams, R., 67 Newington Causeway, S.E.  
Hart, Son, Peard, & Co., 53-58 Wych Street, W.C.; and 168 Regent Street, W.  
Hindle, Norton, & Co., Ironmonger Lane, Oldham.



Newman, William & Sons, Hospital Street, Birmingham.  
 Michellmore & Reap, 362 Borough Road, S.E.  
 Smith & Turner, 50 Bartholomew Close, E.C.  
 Smith & Stevens, Janus Works, Queen's Road, Battersea, S.W.  
 \*Verity, E. & J. M., Call Lane, Leeds.

**DRAINAGE :—**

Sanitary and Domestic Engineering Co., Proprietor Irwin C. Wallas, The Sanitary Works, Kilburn, N.W.  
 Winsor & Co., 52 Buckingham Palace Road, S.W.

**DRAIN TESTS :—**

Baird, Thompson, & Co., 165 Queen Victoria Street, E.C.  
 Pain, J. & Sons, 9 St. Mary Axe, E.C.

**EARTH CLOSETS :—**

Baird, Thompson, & Co., 165 Queen Victoria Street, E.C.  
 Parker, W. F., Worcester Place Works, Oxford.

**ELECTRICITY :—**

Barclay & Son, 138 Regent Street, W.  
 \*Benham & Sons, Wigmore Street, W.  
 Brompton Electric Fittings Co., Ltd., 146 Brompton Road, W.  
 Brush Electrical Engineering Co., Ltd., Belvedere Road, Lambeth, S.E.  
 Croggon & Co., Ltd., 16 Upper Thames Street, E.C.  
 Dickinson, F. W., 16 East Parade, Leeds.  
 Edison, Swan, Co., Ltd., 14 St. Ann's Square, Manchester.  
 Electric Construction Corporation, Ltd., Worcester House, Walbrook, E.C.  
 Faraday & Son, 3 Berners Street, W.  
 Gray, J. W. & Son, 115 Leadenhall Street, E.C.  
 India Rubber, Gutta Percha and Telegraph Works Co., Ltd., 106 Cannon Street, E.C.  
 Joel, Henry F. & Co., 31 Wilson Street, Finsbury, E.C.  
 Johnson & Phillips, 14 Union Court, Old Broad Street, E.C.  
 Laing, Wharton, & Down, 82a New Bond Street, W.  
 Lawrence, Scott, & Co., Ltd., Gothic Works, Norwich.  
 Mills, Walker & Co., 19 Charterhouse Street, E.C.  
 \*Phipps, Rashleigh & Dawson, 53 Berners Street, W.  
 Sax, J., Ridgmount Street, Store Street, W.C.  
 Sharp & Kent, 34 Victoria Street, Westminster, S.W.  
 Strode & Co., 48 Osnaburgh Street, Regent's Park, N.W.  
 Tyler (Hayward), & Co., 90 and 92 Whitecross Street, E.C.  
 Wenham Co., Ltd., Upper Ogle Street, Fitzroy Square, W.  
 Woodhouse & Rawson, United, 88 Queen Victoria Street, E.C.

**ELECTRIC BELLS :—**

\*Benham & Sons, Wigmore St., W.  
 Berry, F. H., 18 Percival Street, E.C.  
 Cox & Co., 11 Fetter Lane, E.C.  
 Gent & Co., Faraday Works, Leicester.  
 Price, Talbot & Co., Ltd., 26 Ludgate Hill, E.C.  
 Sax, Julius, Ridgmount Street, Store Street, W.C.  
 Teuton & Robottom, 221 Upper Thames Street, E.C.  
 Woodhouse & Rawson, United, Ltd., 88 Queen Victoria Street, E.C.

**ELECTRIC WIRE CASING MANUFACTURERS :—**

Frazer's, Chas., Exors, Norwich.

**ENGINES (GAS) :—**

Campbell Gas Engine Co., Ltd., Halifax, Yorks.  
 Man'love, Allott & Co., Ltd., Bloomsbury Works, Nottingham.  
 Robey & Co., Globe Works, Lincoln.

**ENGINES, MORTAR MILLS, &c. :—**

Barrows & Co., Banbury, Oxon.  
 Brown, Houghton, Brothers, Kingsbury Iron Works, Balls Pond, N.  
 Clark, Bunnett, & Co., Ltd., 30 King Street, Cheapside, E.C.  
 Lewis & Lewis, Cambridge Heath Station, N.E.  
 Lewis & Lewis, Wandsworth Bridge Wharf, Townmead Road, Fulham, S.W.  
 Marshall, Sons, & Co., Ltd., Marshall's Buildings, 79 Farrington Road, E.C.  
 Reynolds, F. W. & Co., Acorn Works, Edward Street, Blackfriars Road, S.E.  
 Smedley Bros., Eagle Ironworks, Belper, Derbyshire.  
 Studd, A. D. & Co., Kettering.  
 Sykes, H., 66 Bankside, Southwark, S.E.

**FANLIGHT OPENERS :—**

\*Adams, R., 67, Newington Causeway, S.E.  
 Baird, Thompson, & Co., 165 Queen Victoria Street, E.C.  
 Ball, H. A., 12 and 13 Chiswell Street; and 2 Artillery Court, Finsbury, E.C.  
 Hill, J., 100a Queen Victoria Street, E.C.  
 Leggett, W. & R., 235 High Holborn, W.C.  
 \*Verity, E. & J. M., Call Lane, Leeds.

**FIREPROOF FLOORING :—**

Fawcett, M. & Co., 50 Queen Ann's Gate, Westminster, S.W.  
 Homan & Rodgers, 17 Gracechurch Street, E.C.  
 Lindsay, W. & Co., 23 Queen Anne's Gate, Westminster, S.W.  
 Wilkinson, W. B. & Co., 15 Great George Street, Westminster, S.W.

**FURNITURE :—**

Tower Furnishing Co., Ltd., 43 Great Tower Street, E.C.

**GAS FITTINGS :—**

Hart, Son, Peard & Co., 53—58 Wych Street, W.C.; and 168 Regent Street, W.  
 Strode & Co., 48 Osnaburgh Street, Regent's Park, London, N.W.

**GAS GOVERNORS :—**

Shaw, Joseph, Albert Works, Huddersfield.

**GATES, RAILINGS (IRON), &c. :—**

Bayliss, Jones & Bayliss, 139 and 141 Cannon Street, E.C.  
 Butterfield, F. & J. & Co., Ltd., Keighley, Yorks.  
 Jones, J. G. & Co., Cannon Iron Foundry, 156 Goswell Road, E.C.  
 Main, A. J. & Co., 77a Queen Victoria Street, E.C.  
 Wragge, George, 156 Chapel Street, Salford, Manchester.  
 Wright, G. & Co., 155 Queen Victoria Street, E.C.

**GLASS (STAINED, PAINTED, &c.) :—**

Baillie & Lutalyche, 187 Wardour Street, Oxford Street, W.  
 Duff, John, 64 Charlotte Street, Fitzroy Square, W.  
 Egan, James, 38 Broad Street, Golden Square, W.  
 Farmiloe, G. & Sons, 34 St. John Street, West Smithfield, E.C.  
 Farmiloe, T. & W., Rochester Row, Westminster, S.W.  
 Gibbs, Alexander, 21 Bloomsbury Street, W.C.  
 Hemming, A. O., 47 Margaret Street, Cavendish Square, W.

Kelley & Co., 45 Tabernacle Street, Finsbury, E.C.  
 Lavers, Westlake, & Barraud, Endell Street, W.C.  
 Lee, John R. & Co., Ltd., Swallow Street, Birmingham.  
 Nicholls & Clarke, 6 High Street, Shoreditch, E.  
 Peters, J. W. & Co., 5 Redcross Street, Southwark Street, S.E.  
 Shrigley & Hunt, John-o'-Gaunt's Gate, Lancaster.  
 Winfields, Ltd., Cambridge Street Works, Birmingham.  
 Young and Marten, Caledonian Works, Stratford, E.

**GLAZING :—**

Braby, F. & Co., 352 to 362 Euston Road, N.W.  
 Grover & Co., Ltd., Britannia Works, Wharf Road, City Road, N.  
 Helliwell's, 5 Westminster Chambers, Victoria Street, S.W.  
 Helliwell, T. W., 9 Victoria Street, S.W.  
 Lazenby, George, Leeds Bridge, Leeds.  
 Mellowes & Co., Sheffield.  
 Pennycook Patent Glazing Co., 11 West Regent Street, Glasgow.  
 Rendle, W. E. & Co., Westminster Chambers, 5 Victoria Street, S.W.  
 Shelly & Co., 55 Lionel St., Birmingham.

**GRANITE :—**

Fenning & Co., 3 Salters' Hall Court, Cannon Street, E.C.  
 Freeman, J. & Sons, Penryn, Cornwall.  
 Freeman, W. & J. R., 64 Millbank Street, S.W.  
 Hosken, W. & Co., Penryn, Cornwall.  
 Macdonald, A. & Co., 373 Euston Road, N.W.  
 Patteson, J. & H., 36 and 38 Oxford Street, Manchester.  
 West of England Granite Co., Penryn, Cornwall.  
 Wright, James & Sons, Royal Granite Works, Aberdeen.

**HEATING :—**

Aldous & Son, Ltd., Walsingham House, Piccadilly, W.  
 Attwood, J., Stourbridge.  
 Baird, Thompson, & Co., 165 Queen Victoria Street, E.C.  
 \*Benham & Sons, Wigmore St., W.  
 \*Blackman Ventilating Co., Ltd., 63, Fore Street, E.C.  
 Boyd, Jas. & Sons, Paisley.  
 Cannon, W. G., 106 and 107 London Road, Southwark, S.E.  
 Constantine, J. & Son, The Convolute Stove Works, Stockton Street, Manchester.  
 Edwards, F. & Son, 54 Great Marlborough Street, W.  
 Gibbs, Renton, Liverpool.  
 Green, Thos. & Son, Ltd., Leeds and Surrey Works, Blackfriars Road, S.E.  
 \*Grundy, John, 30 Duncan Terrace, City Road, N.  
 Hartley & Sugden, Ltd., Halifax.  
 Hayward Bros. & Eckstein, Union Street, Borough, S.E.  
 \*Hope, H., 55 Lionel Street, Birmingham.  
 Jackson, W., 65 Moor Street, Birmingham.  
 Jennings, G., Lambeth Palace Road, S.E.  
 Jones & Attwood, Stourbridge.  
 Killick & Cochran, Seal Street, Liverpool.  
 King, John, Ltd., Benson Street, Liverpool.  
 \*Longden & Co., Phoenix Foundry, Sheffield.  
 Lumby, Son & Wood, Ltd., Halifax.  
 Meadow Foundry Co., Ltd., Mansfield.  
 Messenger & Co., Loughborough.  
 Newsom, Wood & Dyson, Beeston Road, Leeds.  
 Rosser & Russell, 22 Charing Cross, S.W.  
 Saunders, S., 93 and 95, Upper Moss Lane, Hulme, Manchester.  
 Seward, A. & Co., Lancaster.  
 Shore, T. & Sons, Hanley, Staffordshire.



Strode & Co., 48 Osnaburgh Street, Regent's Park, N.W.  
Thames Bank Iron Co., Upper Ground Street, S.E.  
Wenham Co., Ltd., Upper Ogle Street, Fitzroy Square, W.  
Wright, G. & Co., 155 Queen Victoria Street E.C.

**HORTICULTURAL BUILDINGS:—**

Boyd, Jas. & Sons, Paisley.  
Crompton & Fawkes, Chelmsford.  
Fraser's, Chas., Exors., Norwich.  
\*Hope, H., 55 Lionel Street, Birmingham.  
Lascelles, W. H. & Co., 121 Banhill Row, E.C.  
Messonger & Co., Loughborough.  
Richardson, W. & Co., Darlington.  
Weeks, J. & Co., Chelsea, S.W.

**INSURANCE:—**

\*Equitable Life Assurance Society, Mansion House Street, E.C.

**JOINERY:—**

Ashbee & Son, Gloucester.  
Chappell, J. T., 149 Lupus Street, S.W.  
Ebner, Jos. F., 150, Old Street, St. Luke's, E.C.  
Edwards & Co., Crescent Works, Weymouth Terrace, Hackney Road, N.E.  
\*Elliott, S., Albert Moulding Mills & Joinery Works, Newbury.  
Fraser's, Chas., Exors., Norwich  
Hedges & Furze, 103 and 109 Durham Road, Holloway, N.  
\*Howard & Sons, 25, 26, and 27 Berners Street, W.  
Lockhart, Alfred, Ekman's Wharf, 33 Wharf Road, City Road, N.  
Lascelles, W. H. & Co., 121 Banhill Row, E.C.  
Sage, F. & Co., 53 to 62 Gray's Inn Road, W.C.  
Sessions & Sons, Docks, Gloucester.  
Turpin's Parquet Floor, Joinery & Wood Carving Co., Ltd., 22 Queen's Road, Bayswater, W.  
Worsley, R. E. & Co., Gray's Inn Joinery Works, Henry Street, Gray's Inn Road, W.C.

**LAUNDRY APPLIANCES:—**

\*Benham & Sons, Wigmore St., W.  
Bradford, Thos. & Co., Crescent Iron Works, Manchester.  
Farrant, Percy George, 20 Handcroft Road, Croydon.  
Manlove, Allott & Co., Ltd., Bloomsgrave Works, Nottingham.

**LIFTS, ELEVATORS, HOISTS, &c.:—**

\*American Elevator Co., 4 Queen Victoria Street, E.C.  
Attwood, A. & Co., Canal Head Foundry & Engineering Works, Ulverston.  
\*Benham & Sons, Wigmore Street, W.  
Clark, Bunnett, & Co. Ltd., 30 King Street, Cheapside, E.C.  
Dell, W. R. & Son, 26 Mark Lane, E.C.  
Haskins, S. & Bros., 24 Old Street, E.C.  
Mallinson, William, Blake Street, Stretford Road, Manchester.  
Pickering's, Ltd., Stockton-on-Tees.  
Potter, T. & Sons, 41 South Molton Street, & 361 Oxford Street, W.  
Richmond, Joseph & Co., 30, Kirby Street, Hatton Garden, E.C.  
Smith & Stevens, Janus Works, Queen's Road, Battersea, S.W.  
Stannah, J. 20 Southwark Bridge Road, S.E.  
Stones, John, Ross side, Ulverstone.  
Waller, G. & Co., Park Street, near Southwark Bridge, S.E.  
Youngs, Ryland Street Works, Birmingham.

**LIGHTNING CONDUCTORS:—**

Bailey, W. H. & Co., Albion Works Salford, Manchester.  
Blackburn, J., Gresham Works, Nottingham.  
Bowker, Wm. & Co., Spring Street, Huddersfield.

Croggon & Co. Ltd., 16 Upper Thames Street, E.C.

Dixon & Corbitt & R. S. Newall & Co., Ltd. 32 Gt. St. Helens, E.C., 130 Strand, W.C., 73 Garford St., Poplar, E., London; & 7 New Quay, Liverpool; 68 Anderston Quay, Glasgow; Works: Gateshead-on-Tyne & Cardiff.

Gent & Co., Faraday Works, Leicester.  
Price Talbot and Co. Ltd., 26 Ludgate Hill, E.C.

Sax Julius, Ridgmount Street, Store Street, W.C.

**LIME, SAND, &c.:—**

Barham Brothers, Bridgwater.  
Brockham Brick Co. Ltd., Brockham, near Blethworth.  
Burham Brick, Lime, &c., Co., 7 Nicholas Lane, Lombard Street, E.C.  
Cliff, J. & Sons, Baltic Wharf, Waterloo Bridge, S.E.  
Coles, Shadbolt, & Co., Thornhill Wharf, Caledonian Road, N.  
Davies, John & Co., Liswerry, Newport, Mon.; Atherthaw Blue Lias, Hydraulic Lime.  
Ellis, J. & Sons, 8 Market Street, Leicester.  
Graves, Bull, & Lakin, Warwick.  
Nelson, C. & Co., 16 South Wharf, Paddington W.  
Parry, H. & Co., Kirtton Lindsey, Lincolnshire.  
Peters Bros., 2 Victoria Mansions, Westminster, S.W.  
Richardson, A. & W. T., Brunswick Wharf, Vauxhall, S.E.  
Rugby Portland Cement Co., Rugby, Warwickshire.  
Sessions & Sons, Docks, Gloucester.  
Young and Marten, Caledonian Works, Stratford, E.

**LOCKS AND LATCHES:—**

Boobyer, J. H. & Sons, 13 & 14 Stanhope Street, W.C.  
Hart, Son, Peard & Co., 53-53 Wych Street, and 163 Regent Street.  
Harley, Geo. & Co., Wolverhampton.  
Hill, J., 10-14 Queen Victoria Street, E.C.  
Hobbs, Hart, & Co. Ltd., 76 Cheapside, E.C.  
Owens, H. T., 12 Bath Street, Birmingham.  
Tunn, John, Newgate Street, E.C.  
\*Verity, E. & J. M., Call Lane, Leeds.  
Young & Co., Victoria Works, Wolverhampton, and Gray's Inn Chambers, 20 Holborn, W.C.

**MARBLE:—**

Barham Brothers, Marble & Slate Works, Bridgwater.  
Colles, Richard, Marble Mills, Kilkenny, Ireland.  
Congdon & Powell, 155 Buckingham Palace Road, S.W.  
Emley & Sons, Ltd., Newcastle-upon-Tyne.  
Fabbriotti, B., Carrara Wharf, Grosvenor Road, Piccadilly, S.W.  
Farmer & Brindley, 63 Westminster Bridge Road, S.W.  
Galbraith & Winton, 48 Kelvin Street, Glasgow.  
Goat, J. & E., Phoenix Steam Marble Works, Millbay Road, Plymouth.  
Lomas, R. G., King Street, Derby.  
Odling, Anselm, Marble Wharf, St. Catharine's Docks, E.  
Patteson, J. & H., 36 & 38 Oxford Street, Manchester.  
Sessions & Sons, Docks, Gloucester.

**MOSAIC WORK:—**

Burke & Co., 17 Newman Street, Oxford Street, W.  
De Grelle Houdrett & Co., 130 London Wall, E.C.  
Diespeker & Co., 40 Holborn Viaduct, E.C.  
Ebner, J. F., 150 Old Street, St. Luke's, E.C.  
Mainzer & Kempthorne, 18 Berners Street, W.  
Patteson, J. & H., 36 & 38 Oxford Street, Manchester.  
Salviati & Co., 213 Regent Street, W.  
Swift, George, 45 The Temple, Dale Street, Liverpool.

Turpin's Parquet Floor, Joinery, & Wood Carving Co., Ltd., 22 Queen's Road, Bayswater, W.

**ORGAN BUILDERS:—**

\*Gern, A., Boundary Road, Notting Hill, W

**PARQUET FLOORING:—**

Arrowsmith, Arthur J. & Co., 80 New Bond Street, W.  
Bissant, H., 87 Charlotte Street, Fitzroy Square, W.  
De Grelle Houdrett & Co., 130 London Wall, E.C.  
Ebner, J. F., 150 Old Street, St. Luke's, E.C.  
Hindley, 290-294, Oxford Street, W.  
\*Howard & Sons, 25, 26, 27 Berners Street, W.  
Mainzer & Kempthorne, 18 Berners Street, W.  
Steinitz, C. & Co., London Parquetry Works, 45 Grove Lane, Camberwell, S.E., by special appointment to H.R.H. Prince of Wales  
Turpin's Parquet Floor, Joinery and Wood-Carving Co. Ltd., 22 Queen's Road, Bayswater, W.  
Westminster Patent Flooring Co., Stanley Bridge Wharf, 537a King's Road, Chelsea, S.W.

**PAVEMENT LIGHTS:—**

Baird, Thompson, & Co., 165 Queen Victoria Street, E.C.  
Hayward Bros. & Eckstein, Union Street, Borough, S.E.  
Wilson & Co., 117 Charterhouse Street, E.C.

**PIPES:—**

Stanley Brothers, Nuneaton.

**PLASTERING, (ORNAMENTAL &c.):—**

Adamant Co. Ltd., 105 Colmore Row, Birmingham.  
\*Battiscombe and Harris, 49 and 50 Great Marylebone Street, Portland Place, W.  
Bowden & Dorrel, 73 Endell Street, Bloomsbury, W.C.  
Jackson, G. & Sons, 49 Rathbone Place, W.

**PLUMBING:—**

\*Benham & Sons, Wigmore St., W.  
Sanitary and Domestic Engineering Co., Proprietor Irwin C. Wallas, The Sanitary Works, Kilburn, N.W.  
Winser & Co., 52 Buckingham Palace Road, S.W.

**PUMPS AND PUMPING ENGINES:—**

\*Benham & Sons, Wigmore St., W.

**RAIN-WATER PIPES:—**

Gregson, J., "Perfectum," Bath Street, Bolton Lancashire.

**ROOFING FELT:—**

Engert & Rolfe, London Felt Works, Barchester Street, Poplar, E.

**ROOFS AND BUILDINGS (IRON):—**

Clark, Bunnett, & Co., Ltd., 30 King Street Cheapside, E.C.  
Croggon & Co., Ltd., 16 Upper Thames Street, E.C.  
Harbrow, South Bermondsey Station, S.E.  
Humphreys, J. C., Albert-gate, Hyde Park, S.W.  
Leixon, Isaac & Co., Windsor Iron Works, Edge Hill, Liverpool.  
Marshall & Hatch, Bingfield Iron Works, York Road, King's Cross, N.  
Motley & Green, St. George's Works, Great George Street, Leeds.  
Tregon & Co., York Works, Brewery Road, N.

**ROOFS, (ZINC, COPPER, AND LEAD):—**

Braby, F. & Co., 252-262 Euston Road, N.W.  
Helliwell, T. W., Brighouse, Yorkshire.



Treggon & Co., York Works, Brewery Road, N.

#### SAFES AND STRONG-ROOM DOORS:—

Hobbs, Hart, & Co., Ltd., 76 Cheapside, E.C.  
Lumby, Son, & Wood, Ltd., Halifax.  
Tann, John, Newgate Street, E.C.  
Taunton, J. & J., Belgrave Works, Sherbourne Road, Birmingham.  
Whitfield, F. & Co., Oxford Street, Birmingham.

#### SANITARY APPLIANCES:—

\*Adams, R., 67 Newington Causeway, S.E.  
Adams & Co., 10 Little Queen Street, Westminster, S.W.  
Andrew, & Nanson, Brixton Road, S.W.  
Baird, Thompson, & Co., 165 Queen Victoria Street, E.C.  
Bostel, D. T., 73 Ebury Street, Fimlico, S.W.  
Bowes, Scott, & Western, Broadway Chambers, Westminster, S.W.  
Brazier & Son, 106 Blackfriars Road, S.E.  
Clark, T. & C. & Co., Shakespear Foundry, Wolverhampton.  
Crapper, T. & Co., Marlborough Works, Chelsea, S.W.  
Duckett & Son, Bromley, Lancashire.  
Farmiloe, G. & Sons, 34 St. John Street, West Smithfield, E.C.  
Hayward Bros. & Eckstein, Union Street, Brough, S.E.  
\*Hughes & Lancaster, Chester, and 16 Great George Street, Westminster, S.W.  
Jennings, G., Stangate, Lambeth, S.E.  
Jones, Browning, & Co., Farnworth, Widnes.  
Pontifex & Wood, Ltd., Farringdon Works, E.C.

Sessions, J. & Sons, Gloucester.  
Shanks & Co., Tubal Works, Barrhead, near Glasgow.  
Shrewsbury, G., 36 Gray's Inn Road, W.C.  
Stidder, J. G. & Co., 47 Oxford Street, W.  
Stiff, J. & Sons, London Pottery, Lambeth, S.E.  
Twyford, T. W., Cliffe Vale Pottery, Hanley, Staffordshire.  
Waller, G. & Co., Park Street, Southwark, S.E.  
Winn, C. & Co., Birmingham.  
Winser & Co., 52 Buckingham Palace Road, S.W.  
Woodward & Rowley, Swadlincote, near Burton-on-Trent.  
Yates, Haywood, & Co., 95 Upper Thames Street, E.C.

#### SANITARY SURVEYOR:—

Wallas, Irwin C., The Sanitary Works, Kilburn, N.W.

#### SANITARY WARE:—

Aylesford Pottery Co., Aylesford near Maidstone.  
Burn & Baillie, 14 Newcastle Street, Farringdon Street, E.C.  
Cliff, J. & Sons, Baltic Wharf, Waterloo Bridge, S.E.  
Edwards, J. C., Terra-Cotta Works, Ruabon.  
\*Farnley Iron Co., Ltd., 77 Queen Victoria Street, E.C.  
Gibbs & Canning, Tamworth.  
Hartshill Brick & Tile Co., Stoke-upon-Trent.  
Hawker, W. C., 94 York Road, King's Cross, N.  
Jennings, G., Stangate, Lambeth, S.E.  
Knowles, J. & Co., 38 King's Road, St. Pancras, N.W.  
Leeds Fireclay Co., Ltd., Shibden Hall Works, Hipperholme, Yorks.  
Richardson, A. & W. T., Brunswick Wharf, Vauxhall, S.E.  
Rufford & Co., Clay Works, Stourbridge.  
Sessions, J. & Sons, Gloucester.  
Shank & Co., Tubal Works, Barrhead, near Glasgow.  
Sharpe Bros. & Co., Swadlincote Potteries, near Burton-on-Trent.  
Shrewsbury, G., 36 Gray's Inn Road, W.C.  
Skey, G. & Co., Ltd., Wilnecote Works, near Tamworth.

Smith, T. & Co., 50 and 51 Lime Street, E.C.  
Stanley, Bros., Nuneaton.  
Stiff, J. & Sons, Lambeth, S.E.  
Twyford, T. W., Cliffe Vale Pottery, Hanley, Staffordshire.  
Winser & Co., 52 Buckingham Palace Road, S.W.  
Woodward & Rowley, Swadlincote, near Burton-on-Trent.

#### SEWAGE AND WATER SYSTEMS:—

\*Hughes & Lancaster, 16 Great George Street, Westminster, S.W., and Chester.  
Revolving Purifier Co., Ltd., Dock House, Billiter Street, E.C.

#### SLATES:—

Ashton, Green, Mathews, & Co., 13 and 14 Bury Street, St. Mary's Axe, E.C.  
Barham, Bros., Bridgewater.  
Carter, A. & Co., Liverpool.  
Coles, Shadbolt, & Co., Thornhill Wharf, Caledonian Road, N.  
Congdon & Powell, 155 Buckingham Palace Road, S.W.  
Darbshire, W. A., Pen-yr-Oscedd Quarry, Nantlee, Penygroes, R.S.O.  
Hooper & Ashby, Southampton.  
Llangollen Slab and Slate Co., Ltd., Llangollen.  
Richardson, A. & W. T., Brunswick Wharf, Vauxhall, S.E.  
\*Roberts, Adlard, & Co., 47 Eastcheap, E.C.  
Sessions, J. & Sons, Gloucester.  
Young & Marten, Caledonian Works, Stratford, E.

#### STABLE FITTINGS:—

\*Barton & Ballard, 151 Oxford Street, W.  
Bayliss, Jones, & Bayliss, 139 and 141 Cannon Street, E.C.  
Cottam & Willmore, 2 Winsley Street, Oxford Street, W.  
Green, Thos. & Son, Ltd., Leeds.  
Marshall & Hatch, Binglefield Iron Works, York Road, King's Cross, N.  
Musgrave & Co., Ltd., Ann Street, Iron Works and Cromac Foundry, Belfast.  
Young & Co., 12 Victoria Street, Westminster, S.W.

#### STABLE PAVING:—

"Adamantine Clinker," Little Bytham, Grantham.  
Stanley Brothers, Nuneaton.

#### STACK-PIPES, GUTTERS, &c.:—

Butterfield, F. & J. & Co., Ltd., Keighley, Yorks.  
Gregson, J., Perfectum Depot, Bath Street, Bolton, Lancashire.

#### STAIRCASES, VERANDAHS, &c.:—

Clark, Bunnett, & Co., 30 King Street, Cheapside, E.C.  
Cottam & Willmore, 2 Winsley Street, Oxford Street, W.  
Hayward Bros. & Eckstein, Union Street, Borough, S.E.  
Jones, J. G. & Co., Cannon Iron Foundry, 156 Goswell Road, E.C.  
Marshall & Hatch, Binglefield Iron Works, York Road, King's Cross, N.  
Wright, G. & Co., 155 Queen Victoria Street, E.C.

#### STONE:—

Ancaster Stone Co., Jermyn Street, Sleaford.  
Bath Stone Firms, Ltd., Bath.  
Corsham Quarrying Co., Corsham, Wilts.  
Crew, J. & A., Cumberland Market, N.W.  
Freeman, W. & J. R., 64 Millbank Street, S.W.  
Gabriel, Joseph S., Grellier's and Canterbury Wharves, Belvedere Road, Lambeth, S.E.

Ham Hill Stone Co., Norton, Stoke-under-Ham, Somerset.  
Lilly, T. F., Gillingham, Dorset.  
Lindley Quarries, Mansfield, Notts.  
Nowell & Robson, Warwick Road, Kensington, W.  
Patteson, J. & H., 36 and 38 Oxford Street, Manchester.  
Sessions & Sons, Docks, Gloucester.  
Thompson's Ancaster Quarries Co., Ltd., 11 Elmer Street, Grantham.  
Trask, C. & Sons, Douling, Shepton Mallet.  
Weldon Stone Quarries, Corby, Kettering.  
Yockney and Co., Corsham Down Quarry, Corsham, Wilts.

#### STONE BREAKERS:—

Mason, S. & Co., Leicester.

#### STOVES, RANGES, MANTELS, &c.:—

Ball, H. A., 12 and 13 Chiswell Street, and 2 Artillery Court, Finsbury, E.C.  
Barnard, Bishop, & Barnards, Norfolk Iron Works, Norwich.  
\*Benham & Sons, Wigmore Street, W.  
Crosthwaite, R. W., Union Foundry, Stockton-on-Tees.  
Edwards, F. & Son, 54 Great Marlborough Street, W.  
Falkirk Iron Co., 67 Upper Thames Street, E.C.  
Jennings, G., Stangate, Lambeth, S.E.  
\*Longden & Co., 447 Oxford Street, W., and Phoenix Foundry, Sheffield.  
Musgrave & Co., Ltd., Ann Street Iron Works, and Cromac Foundry, Belfast.  
Sessions, J. & Sons, Gloucester.  
Steel & Garland, 18 Charterhouse Street, Holborn Circus, E.C.  
Teale Fireplace Co., Leeds.  
Teuton & Robottom, 221 Upper Thames Street, E.C.  
Walker, W. & Sons, Bunhill Row, E.C.  
Wright, G. & Co., 155 Queen Victoria Street, E.C.  
Yates, Haywood & Co., 95 Upper Thames Street, E.C.  
Young & Marten, Caledonian Works, Stratford, E.

#### STRUCTURAL IRONWORK:—

Dorman, Long & Co., Ltd., Middlesbrough.  
Dunkerley, C. C. & Co., 66 Port Street, Manchester.  
Falkirk Iron Co., 67 Upper Thames Street, E.C.  
Henderson & Glass, Vulcan Street Iron Warehouses, Liverpool.  
Homan & Rodgers, 17 Gracechurch Street, E.C.  
Measures, Bros. & Co., Southwark Street, S.E.  
Morton, Francis & Co., Ltd., 17 Victoria Street, Westminster, S.W.  
Moreland, R. & Sons, 3 Old Street, E.C.  
Rownsdon, Drew & Co., 225 Upper Thames Street, E.C.  
Tildesley, Jesse, Crescent Ironworks, Willenhall.  
Williamson, J. & Co., Midland Foundry, Wellingborough.

#### SWIMMING BATHS:—

Rainbow Engineering Co., 6 Victoria Street, Westminster, S.W.

#### TANKS, CISTERNS, &c.:—

Beames & Madeley, Albany Works, Lombard Street, Birmingham.  
Bellamy, J., Byng Street, Millwall, E.  
Braby, F. & Co., 352 to 362 Euston Road.  
Burney & Co., Millwall, E.  
Croggon & Co., Ltd., 16 Upper Thames Street, E.C.  
London Galvanized Iron Co., 27 Wharf Road, N.  
Motley & Green, St. George's Works, Great George Street, Leeds.



Syer, Milton, 36 Rye Lane, Peckham, S.E.  
Treggon & Co., York Works, Brewery Road,  
N.  
Williamson, J. & Co., Midland Foundry,  
Wellingborough.

**TERRA-COTTA :—**

\*Clark & Rea, Ltd., Wilderness Works, Wrexham.  
Cliff, J. & Sons, Baltic Wharf, Waterloo Bridge, S.E.  
Edwards, J. C., Terra-Cotta Works, Ruabon.  
Gibbs & Canning, Tamworth.  
Hamblet, J., West Bromwich, Staffordshire.  
Hathern Station Brick Co., Hathern Station, near Loughborough, Leicestershire.  
Jennings, G., Stangate, Lambeth, S.E.  
Pulham & Son, 50 Finsbury Square, E.C.  
Skey, G. & Co., Ltd., Wilnecote Works, near Tamworth.  
Stanley, Bros., Nuneaton.  
Stiff, J. & Sons, London Pottery, Lambeth, S.E.

**TILES :—**

Aylesford Pottery Co., Aylesford, near Maidstone.  
Barham Bros., Tile and Brick Works, Bridgewater.  
\*Benham & Sons, Wigmore Street, W.  
Boote, T. & R., Burslem, Staffordshire.  
Bracknell Pottery Brick & Tile Co., Wick Hill, Bracknell, Berks.  
Broomhall Brick & Tile Co., 181 Queen Victoria Street, E.C.  
Brough & Son, Silverdale Tileries, near Newcastle, Staff.  
Broseley Tile Manufacturers Association, Broseley, Shropshire.  
Caddick John, Sproutfield Tileries, Stoke-on-Trent.  
Carter, Alfred T. S., 288, 290, and 22 Brockley Road, Brockley, S.E.  
Carter & Co., Encaustic Tile Works, Poole, Dorset.  
Cliff, Joseph & Sons, Baltic Wharf, Waterloo Bridge, S.E.  
Craven, Dunnill & Co., Ltd., Jackfield, Ironbridge, Shropshire, and 37 Maddox St., Regent St., W.  
Dunton Green Brick & Tile Works, Limited, Dunton Green, near Sevenoaks.  
Edwards, J. C., Ruabon.  
Galbraith & Winton, 48 Kelvin Street, Glasgow.  
Godwin, W. & Sons, Lugwardine Works, Withington, near Hereford.  
Hamblet, J., West Bromwich, Staffordshire.  
Hartshill Brick & Tile Co., Stoke-upon-Trent.  
Hawker, W. C., 94 York Road, King's Cross, N.  
Lane End Works, Ltd., 200 and 202 Phoenix Street, St. Pancras, N.W.  
Larmanjat Tile Works, Manor Street, Clapham, S.W.  
Madeley Wood Co., Madeley Wood, Ironbridge, Shropshire.  
Major, H. J. & Co., Bridgewater.  
Malkin, Edge & Co., Burslem, Staffordshire.  
Maw & Co., Ltd., Benthall Works, Jackfield, Salop.  
Minton, Hollins & Co., Patent Tile Works, Stoke-upon-Trent.  
Monkham's Brickfield, Waltham Abbey, Essex.  
Newton, J. & Sons, Falcon Dock, 78 and 79 Bankside, Southwark, S.E.  
North, Richard, Lays Tile Works, near Stourbridge.  
Prestage & Co., Broseley, Salop.  
Richardson, A. & W. T., Brunswick Wharf, Vauxhall, S.E.  
\*Roberts, Adlard & Co., 47 Eastcheap, E.C.  
Roshier & Co., Henley Road, Ipswich.  
Sessions & Sons, Docks, Gloucester.  
Simpson, W. B. & Sons, 100 St. Martin's Lane, W.C.  
Stanley, Bros., Nuneaton.

Warne, C. G., Royal Pottery, Weston-Super-Mare.  
Webb's Worcester Tileries Co., Ltd., Worcester.  
Wedgwood, J. & Sons, Etruria, Stoke-on-Trent.  
Woolliscroft, G. & Son, Hanley, Staffordshire.

**TIMBER :—**

Angold, G. Eastward Wharf, West India Docks, E.  
Ashbee & Son, Gloucester.  
Blades, Charles, Dalton Square, Lancaster.  
Bloor, W., 80-90 Bond Street, Vauxhall, S.W.  
Rowland, Bros., Steam Saw Mills, & Fencing Works, Fenny Stratford, Bucks.  
Sandell, H. & Sons, Crown Timber Yard, Cornwall Road, Lambeth, S.E.  
Sandell, J. & Co., Waterloo Road, Lambeth, S.E.  
Sessions & Sons, Docks, Gloucester.  
Snewin, C. B. N., 7-17 Back Hill, Hatton Garden, and 29 Ray Street, Farringdon Road, E.C.  
Stone, Charles, Saw Mills, High Wycombe.  
Vigers, Bros., 214 Pavilion Road, Sloane Square, Chelsea, S.W.  
Young & Marten, Caledonian Works, Stratford, E.

**TURRET CLOCKS, BELLS, &c. :—**

Benson, J. W., 62 and 64 Ludgate Hill, E.C.  
Carr, C., Smethwick.  
Joyce, J. B. & Co., Whitechurch.  
Mears & Stainbank, Bell Foundry, 267 Whitechapel Road, E.  
Potts, W. & Sons, Guildford Street, Leeds.  
Smith, John, & Sons, Midland Steam Clock Works, Derby.

**UNDERLINING, &c. :—**

Aldores & Sons, Ltd., Walsingham House Piccadilly, W.  
McNeill, F. & Co., Bunhill Row, E.C.  
Willessen Paper & Canvas Works, Willessen Junction, N.W.

**UPHOLSTERERS :—**

\*Howard & Sons, 25, 26, 27 Berners St., W.

**VENTILATING :—**

\*Adams, R., 67 Newington Canseway, S.E.  
Baird, Thompson, & Co., 165 Queen Victoria Street, E.C.  
Baxendale & Co., Miller Street, Manchester.  
\*Blackman Ventilating Co., Ltd., 63 Fore Street, E.C.  
Boyle, R. & Son, Ltd., 64 Holborn Viaduct, E.C.  
Ching Comyn, & Co., Castle Street, Long Acre, W.  
Constantine, J. & Son, The Convuluted Stove Works, Stockton Street, Manchester.  
Hart, Son, Peard, & Co., 53-53 Wych Street, W.C. and 168 Regent Street, W.  
Hayward, Bros. & Eckstein, Union Street, Borough, S.E.  
Howorth, James & Co., Victoria Works, Farnworth, near Bolton.  
Kershaw, A. W. & Co., Custom House Buildings, St. George's Quay, Lancaster.  
King, John, Ltd., Benson Street, Liverpool.  
Kite, C. & Co., Christopher Works, Charlton Street, N.W.  
Moore, F. Augustus, 59, 60, and 61 Hatton Garden, E.C.  
Sanitary and Domestic Engineering Co., Proprietor Irwin C. Wallas, The Sanitary Works, Kilburn, N.W.  
Sugg, Wm. & Co., Ltd., Vincent Works, Westminster, S.W.  
Wenham Co., Ltd., Upper Ogle Street, Fitzroy Square, W.

**WALL AND CEILING COVERINGS :—**

Anaglypta Co., 92 Great Russell Street, W.C.

Cotterell, Bros., 11 Clare Street; 2 and 6 Marsh Street, and 8 Baldwin Street, Bristol.  
Doveston, Davey, Hull & Co., Ltd., Albert Square, Manchester.  
\*Essex & Co., 116 Victoria Street, Westminster, S.W.  
Hayward & Son, 88 Newgate Street, E.C.  
Huntington, Bros., Darwen.  
Jeffrey & Co., 64 Essex Road, Islington, N.  
Lightbown Aspinall & Co., Hayfield Mills, Pendleton, Manchester.  
Pitman & Son, 30 Newgate St., E.C.  
Rottmann, Strome & Co., 49 and 51 St. Mary Axe, E.C.  
Storey Bros. & Co., Lancaster.  
Tynecastle Co., Edinburgh, and 14 Rathbone Place, W.  
Walton, F. & Co., Ltd., Lincrusta Manufacturers, 2 Newman Street, W.  
\*Woollams, W. & Co., 110 High Street, near Manchester Square, W.

**WEATHER BARS :—**

\*Elliott, S., Albert Moulding Mills & Joinery Works, Newbury.  
Stidder, J. G. & Co., 47 Oxford Street, W.

**WINDOW FRAMES (IRON) :—**

Burt & Potts, 38 and 65 York Street, Westminster, S.W.  
Cottam & Willmore, 2 Winsley Street, Oxford Street, W.  
General Iron Foundry Co., Ltd., Broken Wharf; and 43 Upper Thames Street, E.C.  
\*Hope, H., 55 Lionel Street, Birmingham.  
Hunt, T. & Co., Tindal Street, Birmingham.  
Jones, John, Walker's Croft, Victoria Station, Manchester.  
\*Verity, E. & J. M., Call Lane, Leeds.  
Wenham & Waters, Ltd., Paragon Works, Croydon.  
Williams & Co., 18 Berners Street, W.  
Wragge, George, 156 Chapel Street, Salford, Manchester.

**WINDOWS (REVERSIBLE) :—**

\*Adams, R., 67 Newington Canseway, S.E.  
Reversible Window Co., Ltd., 9 Hart Street, Bloomsbury, W.C.

**WINE BINS (IRON) :—**

Brookes, W. & Co., 1 Victoria Bridge, Salford, Manchester.  
\*Farrow & Jackson, 16 Great Tower Street, E.C.

**WOOD CHIMNEY-PIECES :—**

\*Battiscombe and Harris, 49 and 50 Great Marylebone Street, Portland Place, W.  
\*Hand-Carved Wood Supply Company, 258 and 260, Old Street, E.C.  
Hindley, 290-294 Oxford Street, W.  
Tebton & Robottom, 221 Upper Thames Street, E.C.  
Walker, W. & Sons, Bunhill Row, E.C.

**WOOD FLOORING AND PAVING :—**

Acme Wood Flooring Co., Ltd., Glasshouse Street, Vauxhall, S.E.  
Ashbee & Son, Gloucester.  
Ebner, Jos. F., 150 Old Street, St. Luke's, E.C.  
Gregory, T. & Co., Wood Block Flooring, and Steam Joinery Works, Clapham Junction, S.W.  
Lowe, Roger, L., Farnworth, Bolton, near Manchester.  
Vigers, Bros., 214 Pavilion Road, Sloane Square, Chelsea, S.W.  
Westminster Patent Flooring Co., Stanley Bridge Wharf, 537b King's Road, Chelsea, S.W.  
Wood Block Flooring Co., 22 Charing Cross, S.W.

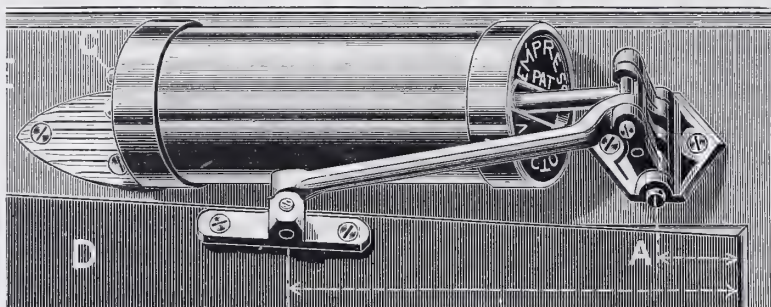


Perfection in Improved  
Patented Specialities of the  
Building Trades.

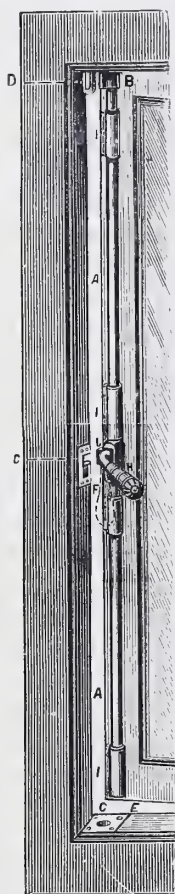


53 Highest Awards at  
Competitive Exhibitions.

**"Empress Victor"**  
Patent Pneumatic  
Door Spring and  
Check.—Strongest  
at the closed position,  
best and most reli-  
able, durable and very



neat, can be fixed on  
either side of door or  
on right or left hand  
side, small space only  
required. Various sizes  
made.



No. 208.  
Thrust Motion for very  
narrow stiles.



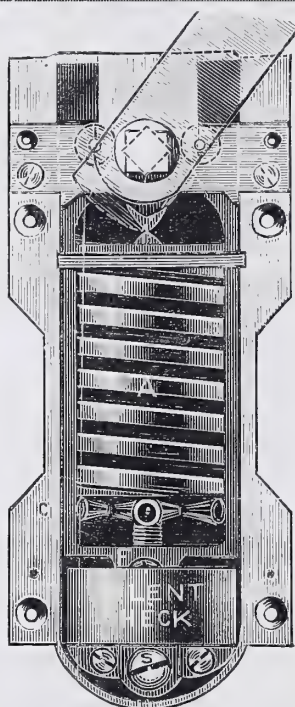
No. 190.  
Weather-tight  
tongue pattern.



No. 8.  
Half-  
round pattern.

**Special Casement Bolts**, triple action for casements  
opening in or out, guaranteed reliable and efficient, new  
actions.

Write for Lists and Terms for **Patent Door Springs**,  
**Fanlight and Lantern Light and Skylight Openers**,  
**Ventilators (Inlets and Outlets)** of every descrip-



The **"Crown" Pattern Floor Hinge** for  
Swing Doors. Made with the Silent Check  
or without; also to suit single action doors  
closing one way. These celebrated springs  
belong to the "Victor" Class patents, in which  
are embodied all recent improvements not to  
be found in any other kind.

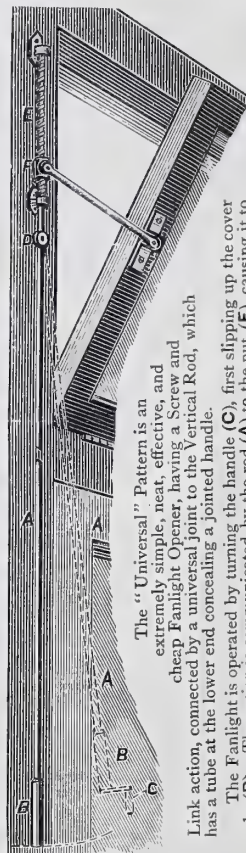
**ROBERT ADAMS,**

Telegrams—"Robert Adams, London."

**Building Trades' Emporium,**  
**67 Newington Causeway,**  
**London, S.E.**

**Patent Ventilating Gear for Skylights, Lantern Lights, and other continuous Ranges of Sashes.**  
Length no object; efficient and reliable in all cases whatever the weight. Modifications to suit all work.

**ROBERT ADAMS' PATENT "UNIVERSAL" FANLIGHT OPENER, with Rod and Handle.**



The **"Universal" Pattern** is an  
extremely simple, neat, effective, and  
cheap Fanlight Opener, having a Screw and  
Link action, connected by a universal joint to the Vertical Rod, which  
has a tube at the lower end concealing a jointed handle.

The Fanlight is operated by turning the handle (C), first slipping up the cover  
tube (B). The action is communicated by the rod (A) to the nut (F), causing it to  
traverse the screw (E), thereby acting on the sash by the link. The **"Universal"**  
joint (D) admits of the rod (A) being angled to any convenient extent for working it (see dotted lines), but  
when released from the handle the tube drops over and conceals the handle, and the rod hangs vertically.

No. 330.

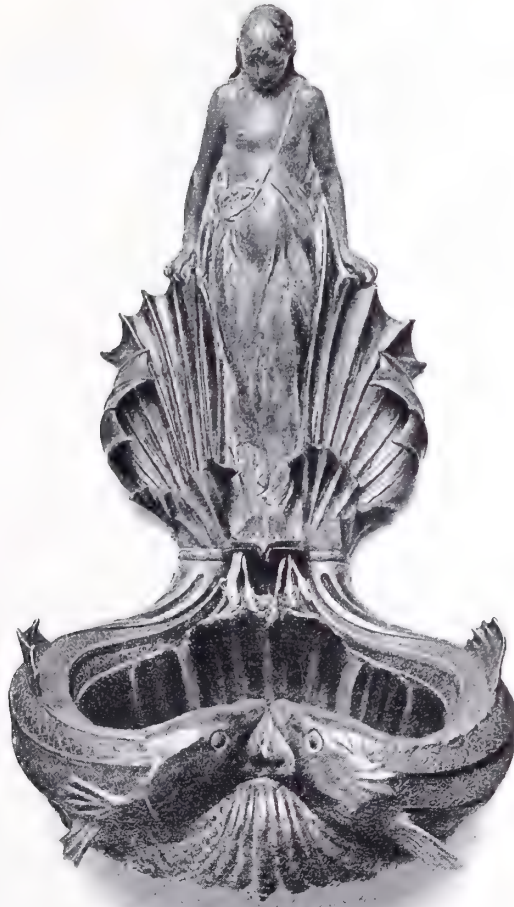
Another favourite pattern is my **Link  
Motion, No. 114**, with Screw at bottom of  
Rod, passing through the patent enclosed  
gear regulator. This regulator can also be  
supplied to revolve the Rod of No. 330.

tion, Gate Hinges and Fittings, Iron  
Doors and Gates, Artistic and other  
Metal Work, Metal Casements and  
Frames, &c., &c.



# ACADEMY ARCHITECTURE.

1892.



1921. *A Wall Fountain (bronze)*, W. REYNOLDS-STEPHENS, Sculptor.



1889 GOLD MEDAL, PARIS, 1889  
AND SEVENTEEN OTHER GOLD, SILVER, AND BRONZE MEDALS.

W<sup>M</sup>. WOOLLAMS & CO.,  
ORIGINAL MAKERS OF  
ARTISTIC  
WALL PAPERS



CORRESPONDENCE  
INVITED.

GUARANTEED FREE FROM ARSENIC.

WM. WOOLLAMS & CO. are Manufacturers of all kinds of Wall and Ceiling Papers, and have special facilities for printing extra widths and lengths. A large collection of fine old Damask and Chintz Papers. Cheap Papers for Workmen's Cottages. Papers for Country Houses and Town Mansions, Hotels and Club Houses. Sanitary Papers, Bedroom Papers, Staircase Papers.



CORRESPONDENCE  
INVITED.

Agents for and printers of Mr. J. ALDAM HEATON'S private designs in Wall and Ceiling Papers.

Estimates for private patterns free.

Speciality :—Patent Embossed Flock Papers, and Raised Flock Papers, for painting over.

☞ Sets of patterns in convenient form for the use of Architects gratis on application.

*Sole Address* :—110 HIGH STREET (NEAR MANCHESTER SQUARE), LONDON, W.

Kindly note "Trade Mark," a bale of "Wool" branded "W," and two "lam(b)s" suspended.

WM. WOOLLAMS & CIE sont les promoteurs de la fabrication de papiers-peints, imprimés à la planche à colorants exempts d'arsenic. Voir la marque de fabrique ci-dessus. S'adresser à 110 HIGH STREET (NEAR MANCHESTER SQUARE), LONDRES, W. Agent à Paris : M. A. E. JOHNSON, 16 RUE ETIENNE MARCEL 16. Dix-huit médailles, ci-inclus la médaille d'or Paris, 1889. Spécialité :—Laines à dessins modelés, et laines en relief pour être peintes.

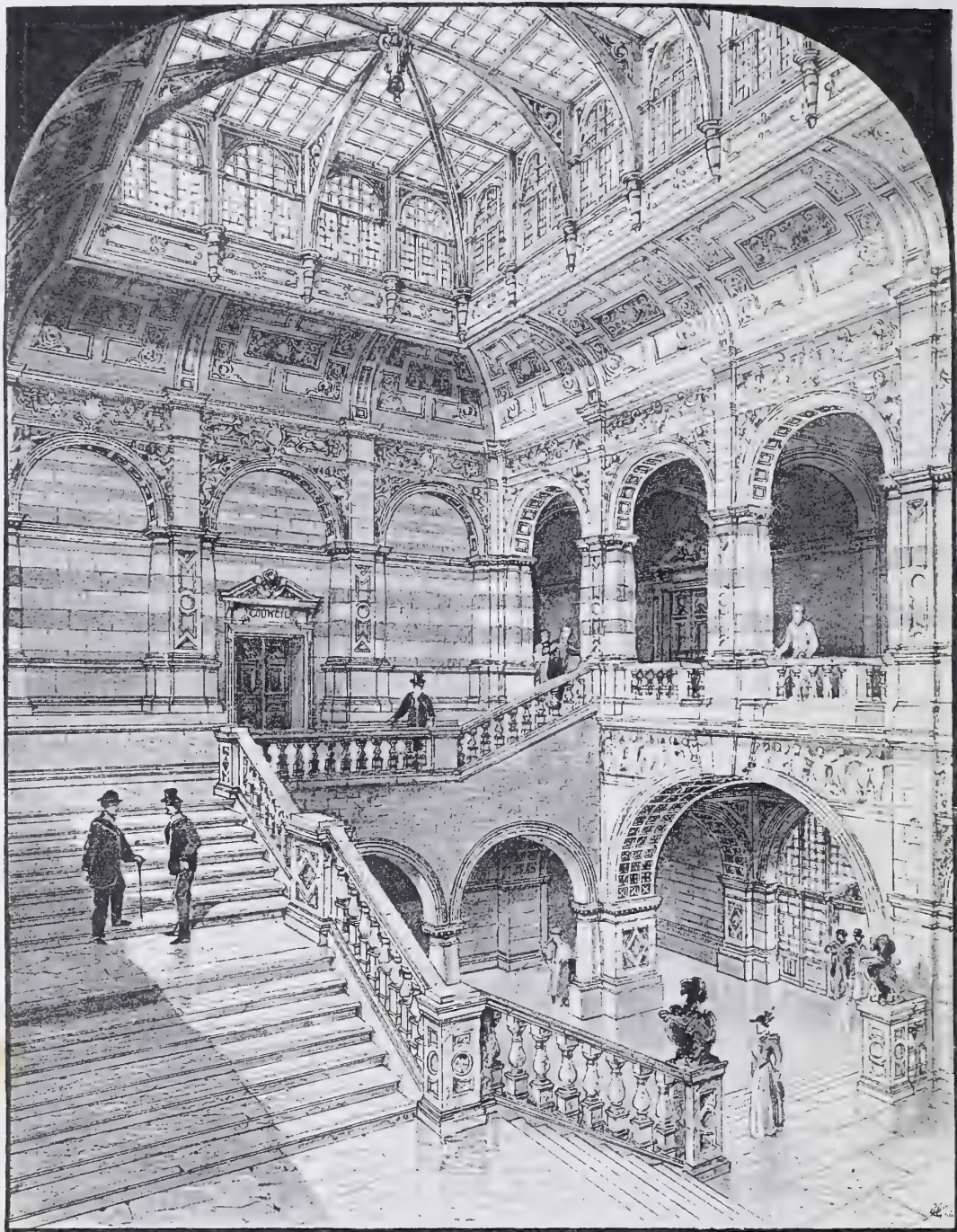
WM. WOOLLAMS & CIE Tapeten sind mittelst Tafeln gedruckt und durchaus Arsenikfrei. Bitte auf obige Fabrikmarke zu achten. London Adresse : 110 HIGH STREET (NEAR MANCHESTER SQUARE), LONDON, W. Agent in Paris : MR. A. E. JOHNSON, 16 RUE ETIENNE MARCEL 16, PARIS. Paris, 1889, Goldmedaille. Ueberdies siebenzehn andere Gold, Silber, und Bronzemedailen.





1644. *The Queen's Tower, Imperial Institute*, THOMAS E. COLLCUTT, F.R.I.B.A., Architect.





1679. *Sheffield Municipal Buildings, Grand Staircase*, EDWARD W. MOUNTFORD, Architect.





1714. *New Church, Miles Platting, Manchester (interior)*, LEONARD STOKES, Architect.





1826. *All Saints' Church, Penarth, Glamorgan*, SEDDON AND CARTER, Architects.

Heating—John Grundy, 30 Duncan Terrace, City Road, London, N.





*The new Library  
and Class-rooms  
Thos G. Jackson, Architect  
Dec. 11, 1891.*

*The New Library and Class-rooms, Uppingham School, THOMAS G. JACKSON, A.R.A., Architect.*



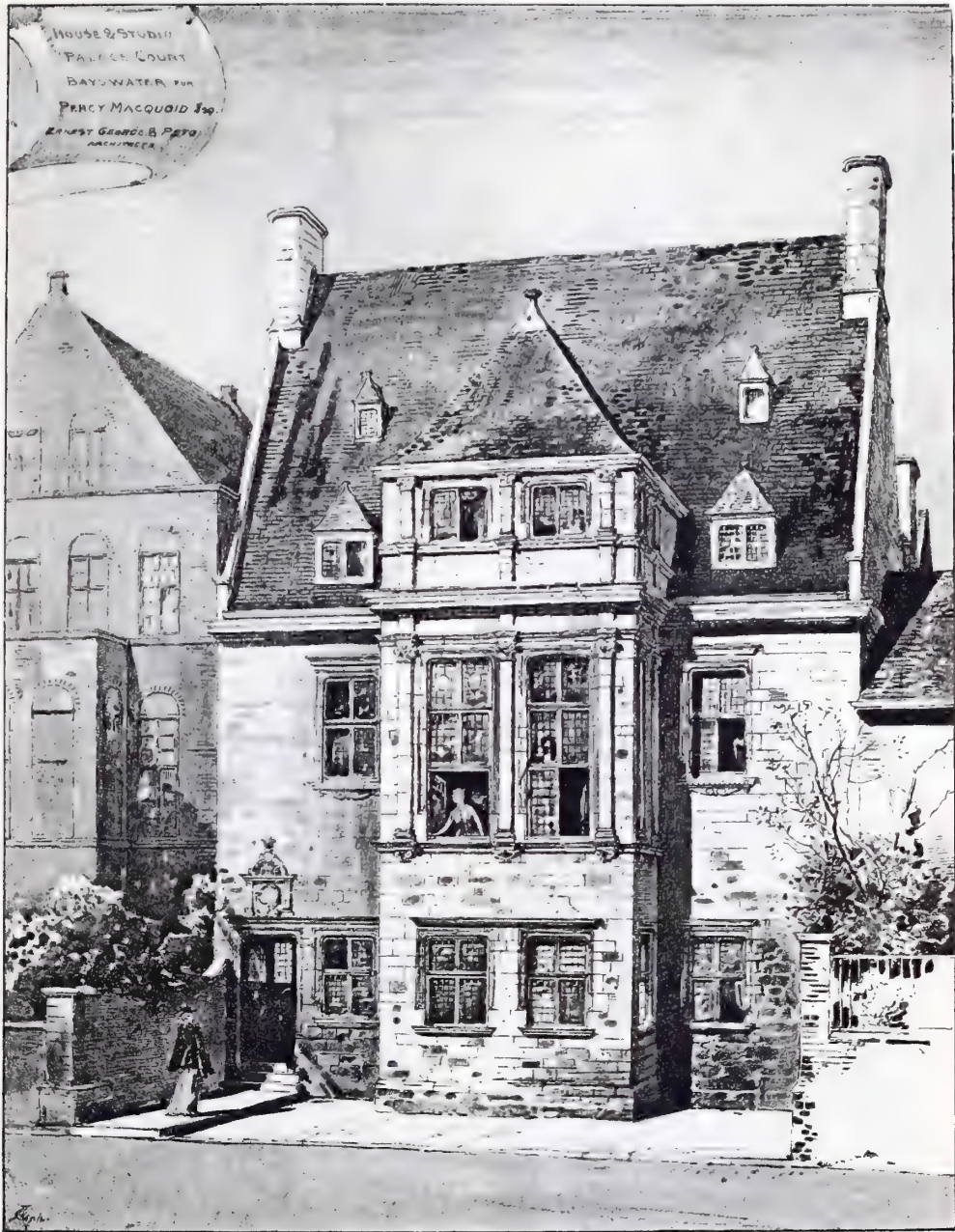
1730. *House at San Sebastian, Lodge and Gates, for H.M. the Queen Regent of Spain,  
R. SELDEN WORNUM, F.R.I.B.A., Architect.*





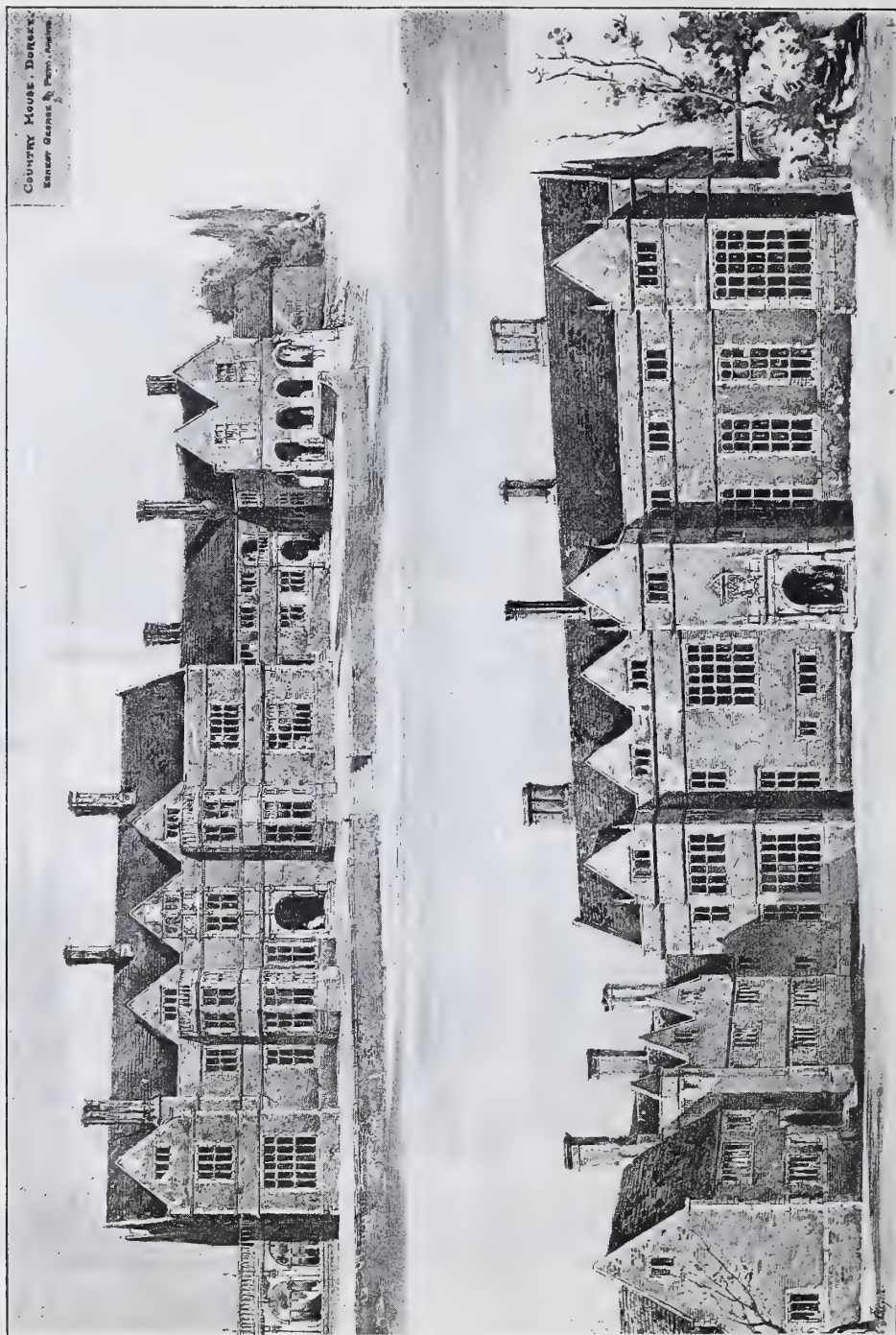
1715. *Sommerville Memorial Free Church, Keppochhill, Glasgow, W. G. ROWAN, Architect.*





1801. *House and Studio, Palace Court, Bayswater, for Percy Macquoid, Esq., ERNEST GEORGE AND PETO, Architects*  
(For plans see p. 23.)





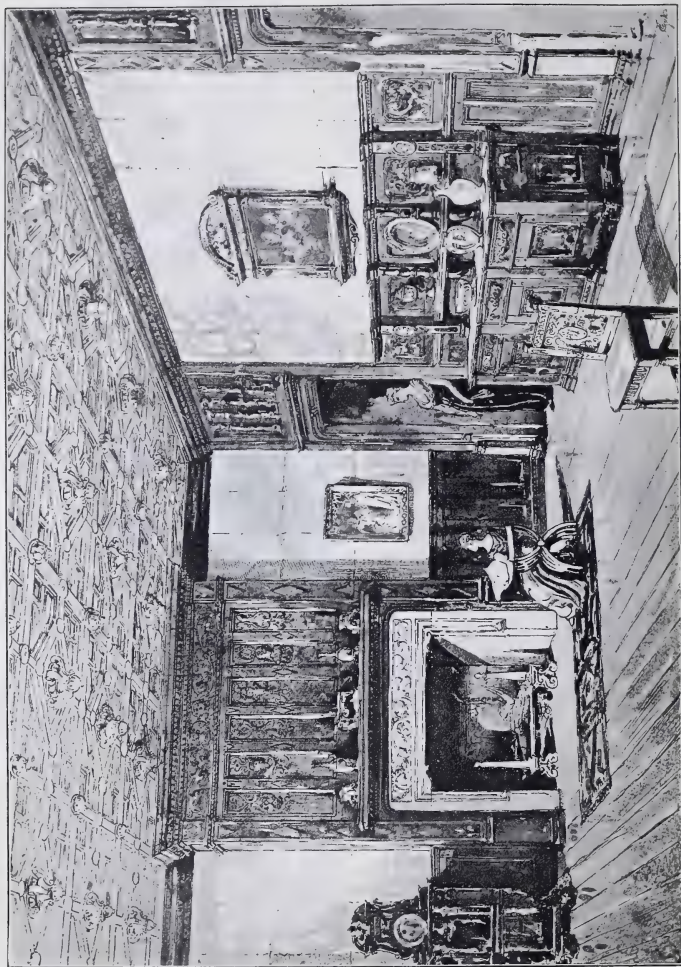
1722. *Country House, Dorset, ERNEST GEORGE AND PETO, Architects.*





1769. Cottages, Eaton Hastings, Bekes, for Alexander Henderson, Esq., Ernest George and Peto, Architects.

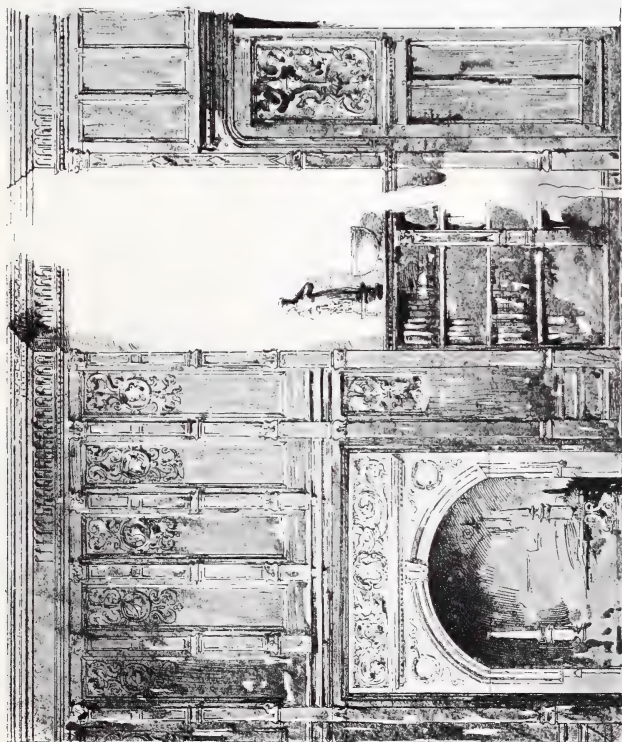




1721. *Dining Room, for W. S. Salting, Esq., ERNEST GEORGE AND PETO, Architects.*

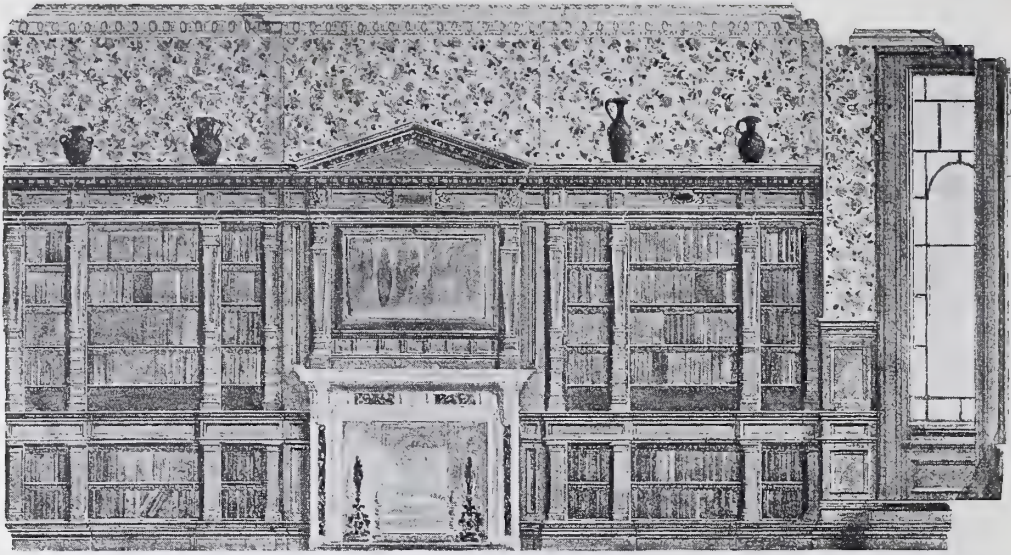


1801. *House and Studio, Palace Court, Bayswater, for Percy Macquoid, Esq., (For elevation see p. 19.)*  
ERNEST GEORGE AND PETO, Architects.

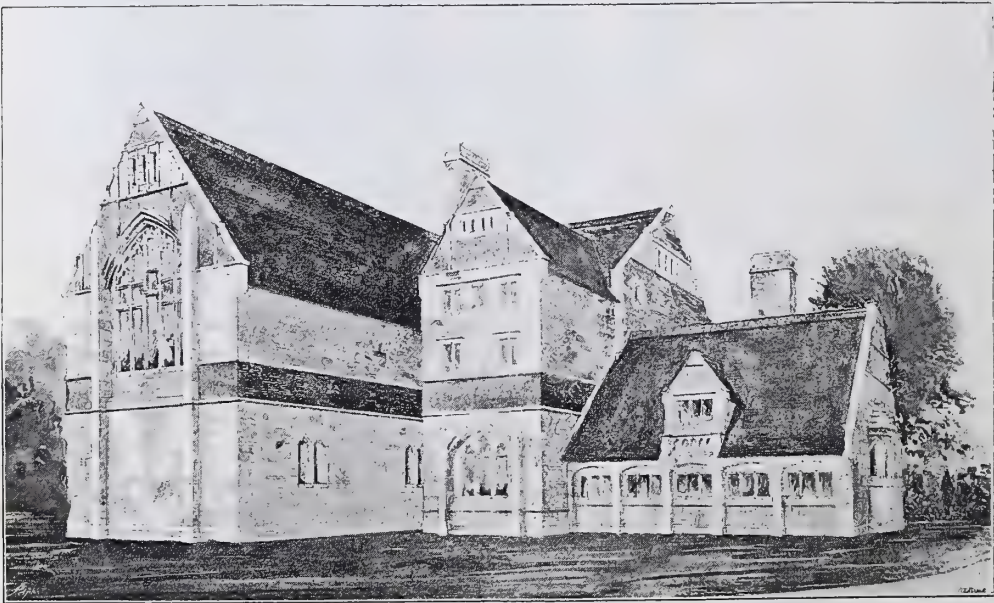


1721. *Detail, Library, for W. S. Salting, Esq., ERNEST GEORGE AND PETO, Architects.*





1703. *Interior of a Library in London*, Professor GEORGE AITCHISON, A.R.A., Architect.



1724. *New Wing to St. Agnes' School, East Grinstead*, ARTHUR E. STREET, M.A., Architect.



1738. *Proposed Roman Catholic Church, GOLDIE, CHILD AND GOLDIE, Architects.*



1693. *Hunting Lodge, near Malmesbury, Wilts, for H. Lynch, Esq., H. WILSON, Architect. (For plan see p. 147.)*



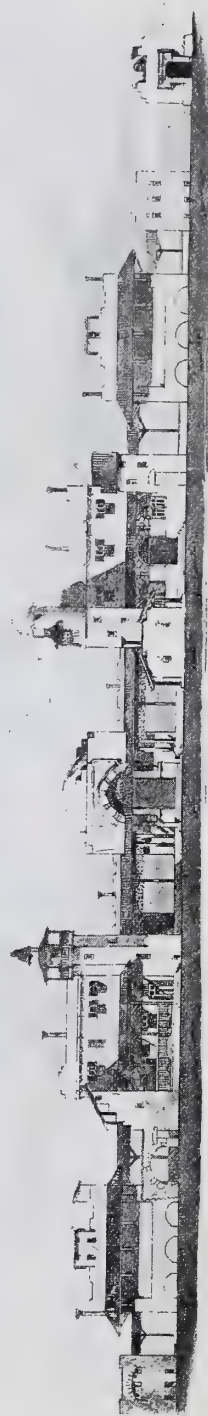
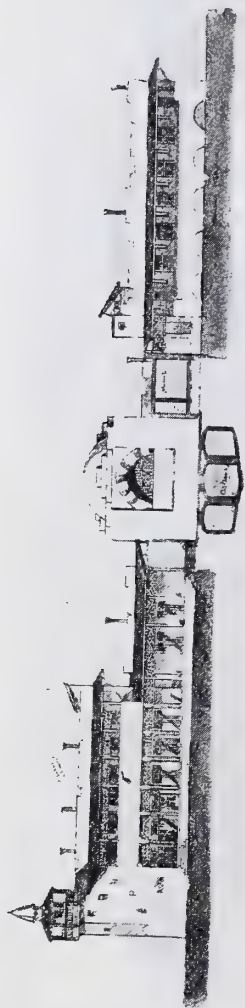


1775. *The Wern, Tremadoc, North Wales, Alterations and Additions, DOUGLAS AND FORDHAM, Architects,  
(For plan see p. 147.)*

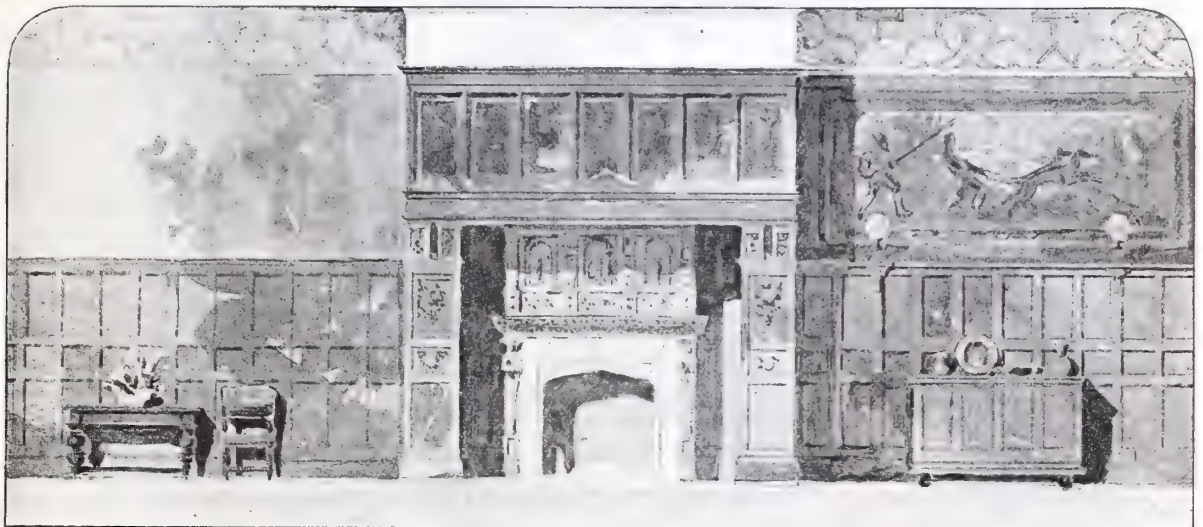
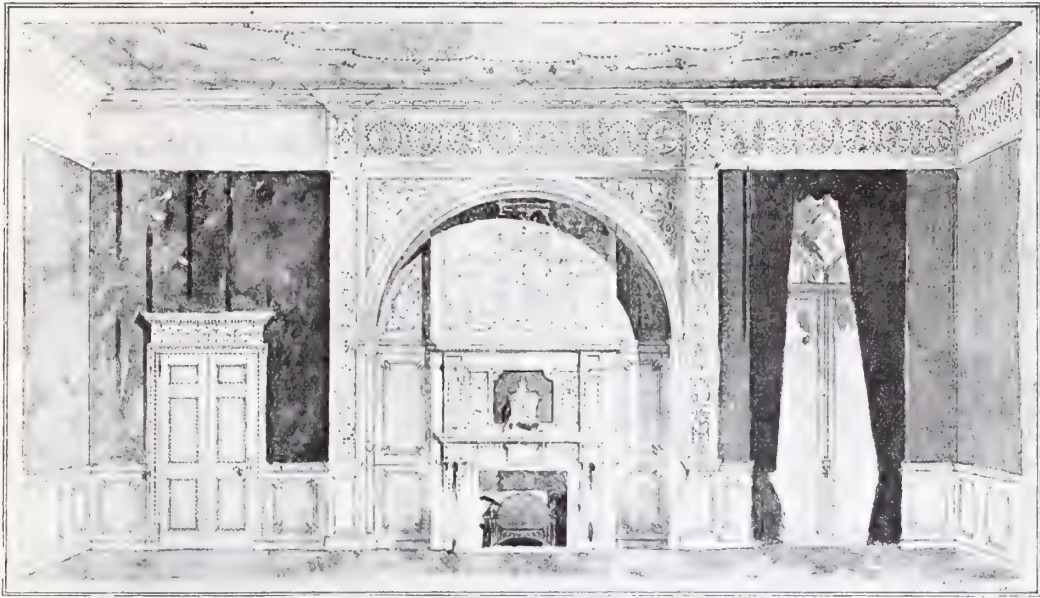


1811. *Cae-Hun, North Wales, THOMAS M. LOCKWOOD, F.R.I.B.A., Architect.*





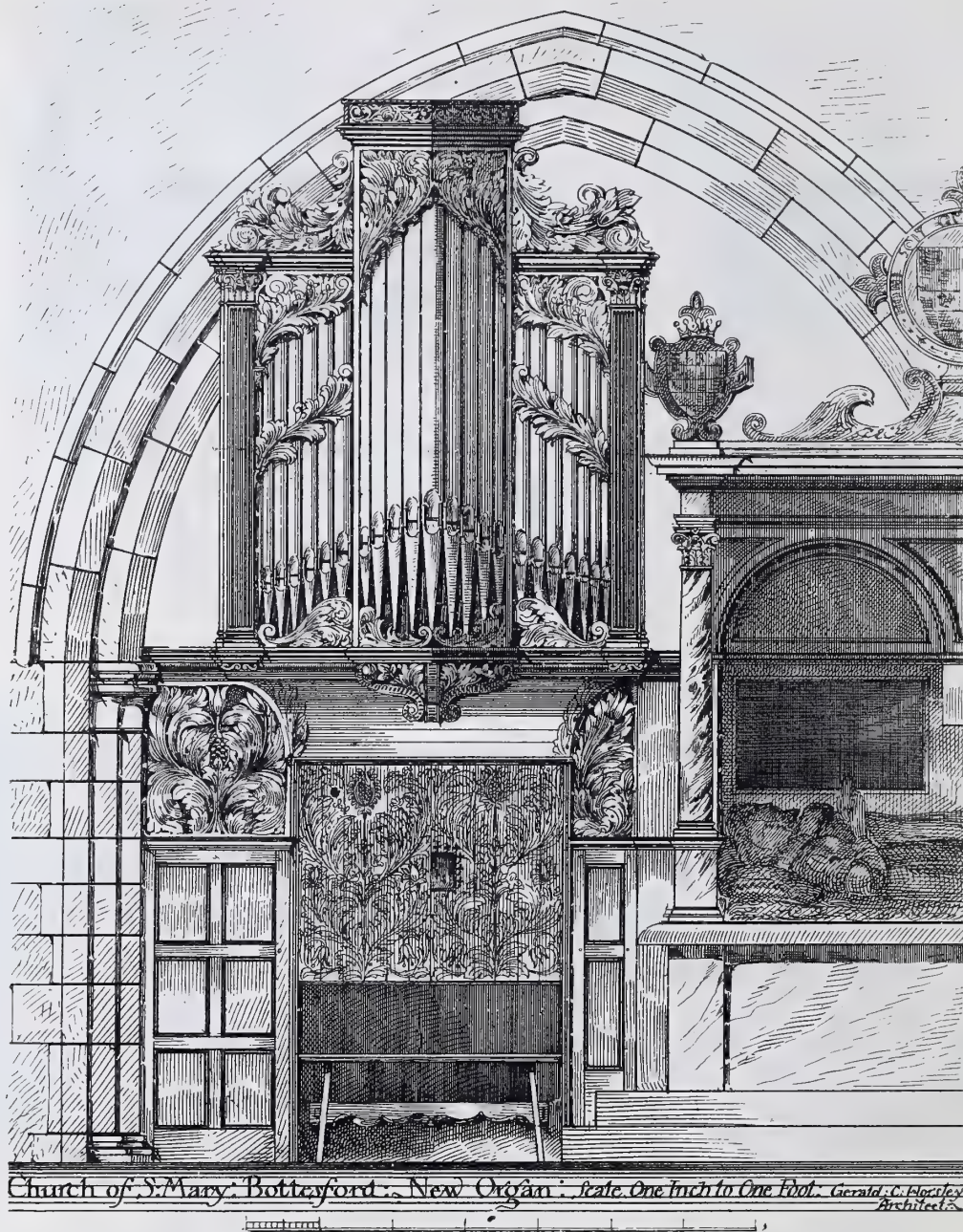
1776. *Mission Hospital, Jerusalem, BERESFORD PITE, A.R.I.B.A., Architect.*



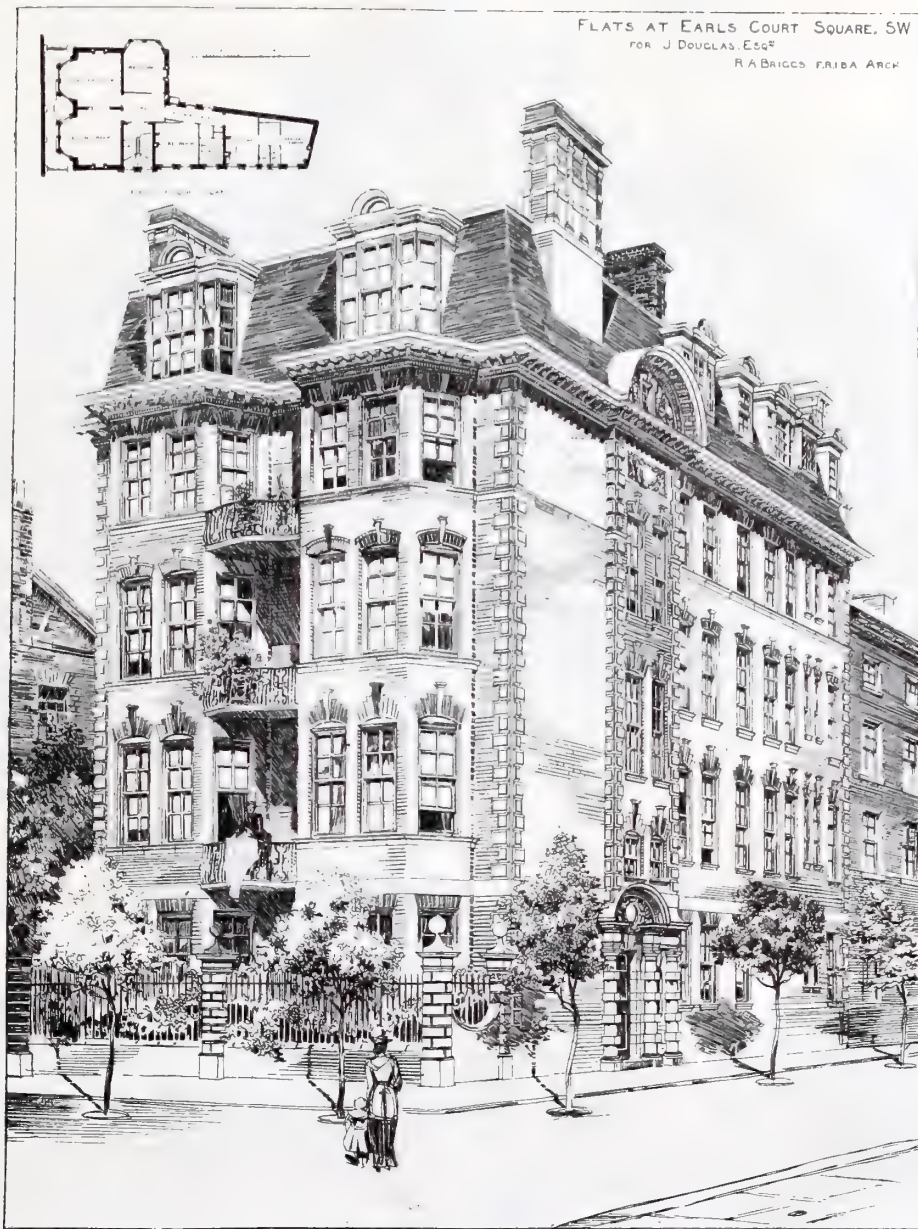
1704. *Salon and Dining Room, House at San Sebastian, for H.M. the Queen Regent of Spain, R. SELDEN WORNUM, F.R.I.B.A., Architect.*

Contractors for Interior Joinery—J. Kinninmont and Sons, 26, Chilworth Street, Gloucester Terrace, London, W.





1639. New Organ for the Church of St. Mary, Bottesford, GERALD C. HORSLEY, Architect.



1744. Flats at Earls Court Square, S.W., for J. Douglas, Esq., R. A. BRIGGS, F.R.I.B.A., Architect.





1841. *Vicarage House, Clacton-on-Sea*, RAINALD W. K. GODDARD, Architect.



1726. *St. Augustine's Church, Brinksway*, PRESTON AND VAUGHAN, Architects.

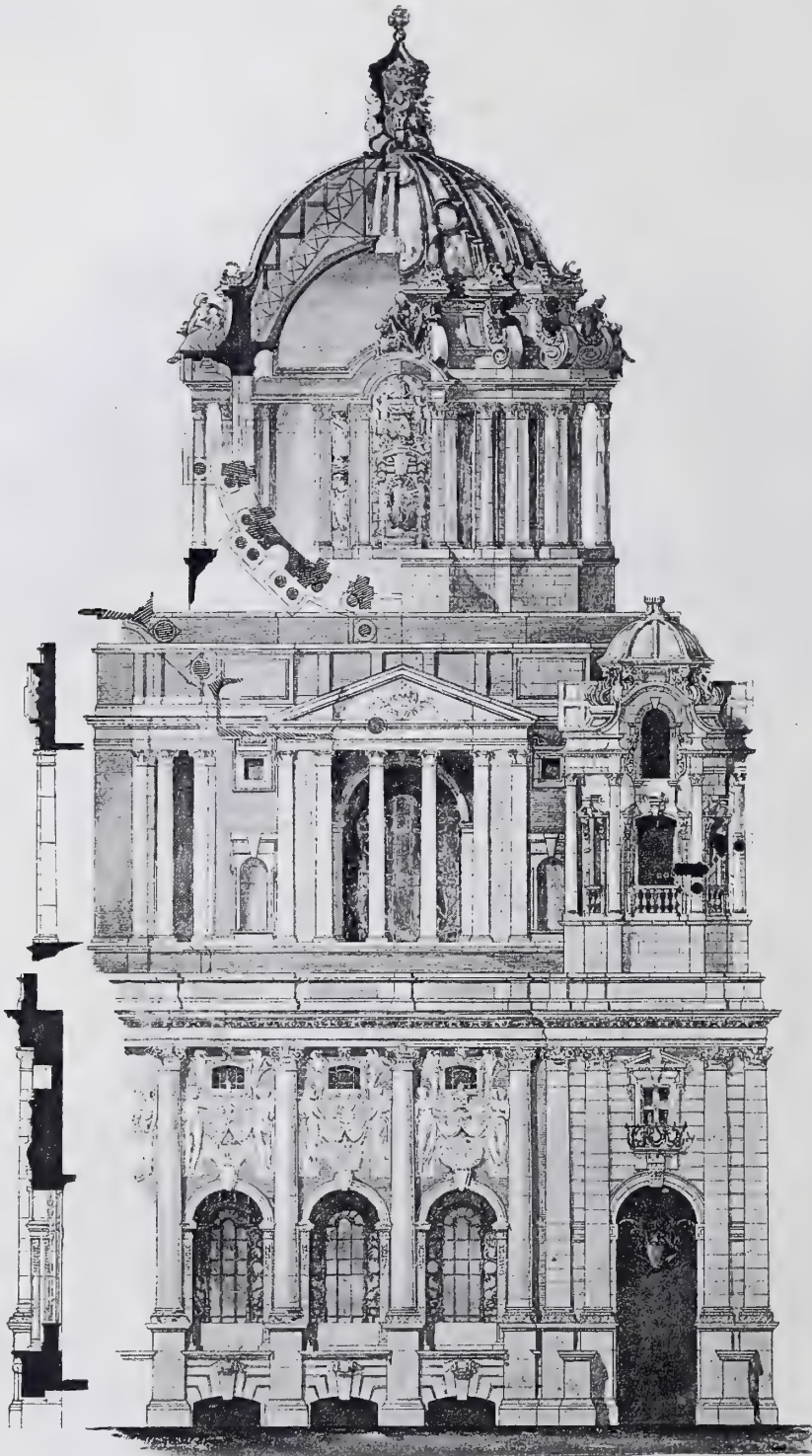


1739. *Proposed Houses at Ledbury, for D. Coath, Esq., G. H. GROCK, Architect.* (For plan see p. 146.)

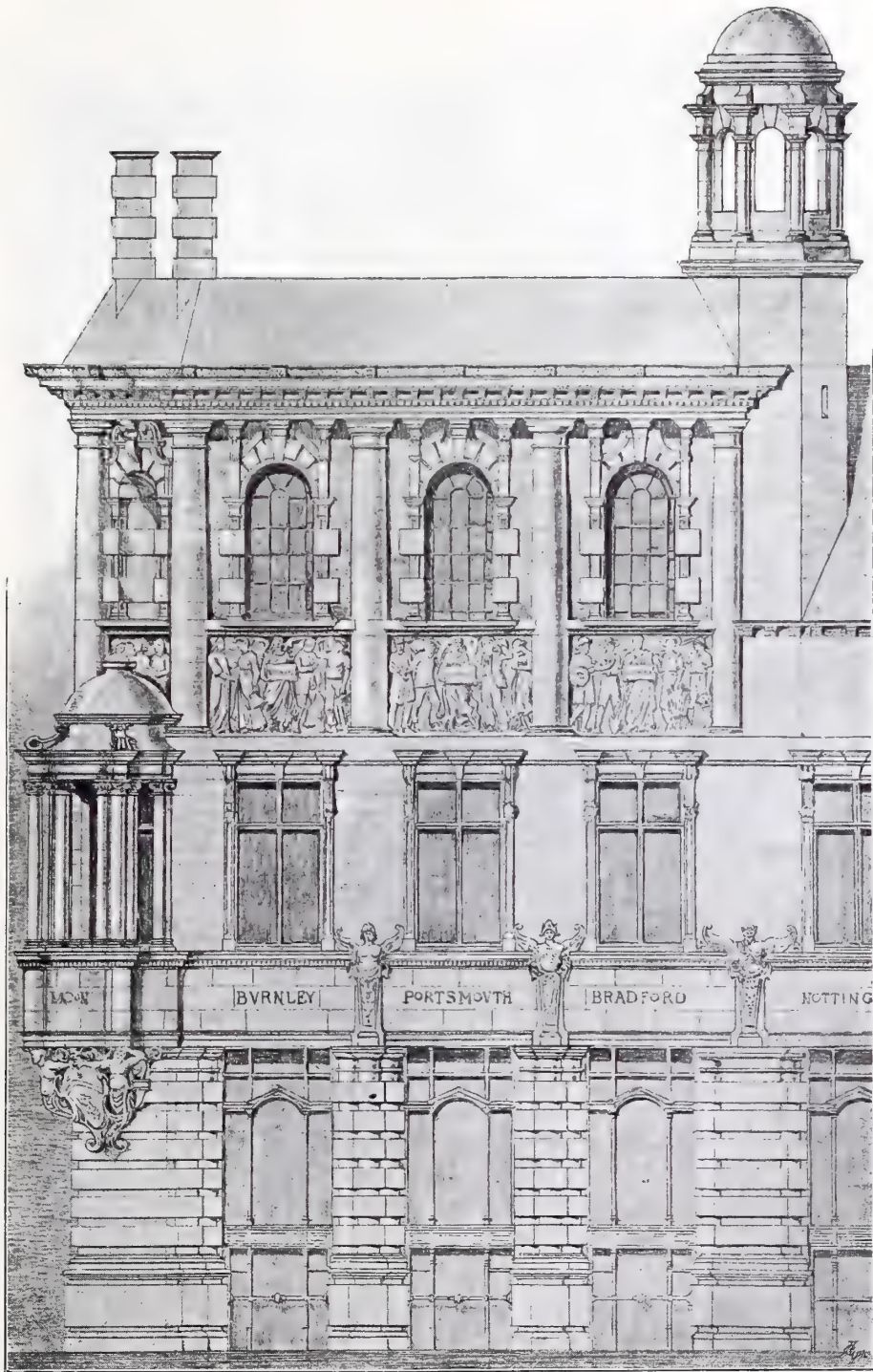


1764. *House at Birkdale, FRANK W. MEE, Architect.* (For plan see p. 146.)





1675. *Design for South Kensington Museum, Detail, Elevation*, JOHN BELCHER, F.R.I.B.A., Architect.



1728. *Institute of Chartered Accountants, Portion of Elevation*, JOHN BELCHER, F.R.I.B.A., Architect.





1628. *Sheffield Municipal Buildings, View from Cheney Row, EDWARD W. MOUNTFORD, Architect.*



1737. *Sheffield Municipal Buildings, View of Surrey Street Front, EDWARD W. MOUNTFORD, Architect.*





1806. *House at Royston, Herts,* JOHN BELCHER, F.R.I.B.A., Architect.



1813. *Studio, Melbury Road, W.,* JOHN BELCHER, F.R.I.B.A., Architect.



1814. *Mark Ash, Abinger*, JOHN BELCHER, F.R.I.B.A., Architect.



1805. *Convalescent Home, Chatham*, JOHN BELCHER, F.R.I.B.A., Architect.



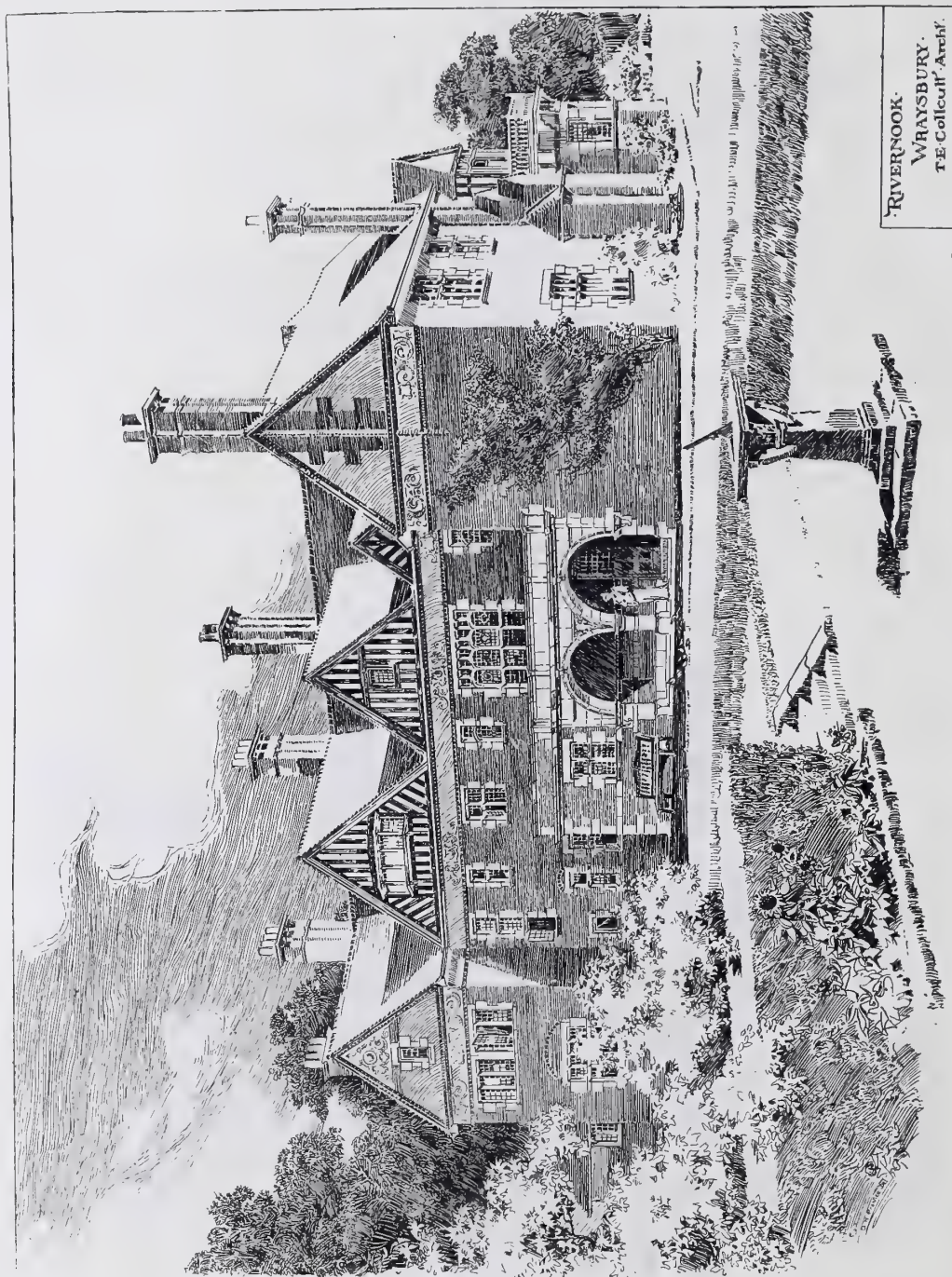


1788. *New Tower, St. Mary's Church, Lynton*, H. WILSON, Architect.



1827. *Design for Timber Spire*, WALTER PERCIVAL, Gold Medallist, R.I.B.A., Architect.





RIVERBROOK.  
WRAYSBURY.  
T. E. COLLCUTT, ARCHT.

1803. Riverbrook, Wrayshbury, THOMAS E. COLLCUTT, F.R.I.B.A., Architect.



1659. *Firsden, Lickey, Bromsgrove*, BATEMAN AND BATEMAN, Architects. (For plan see p. 146.)





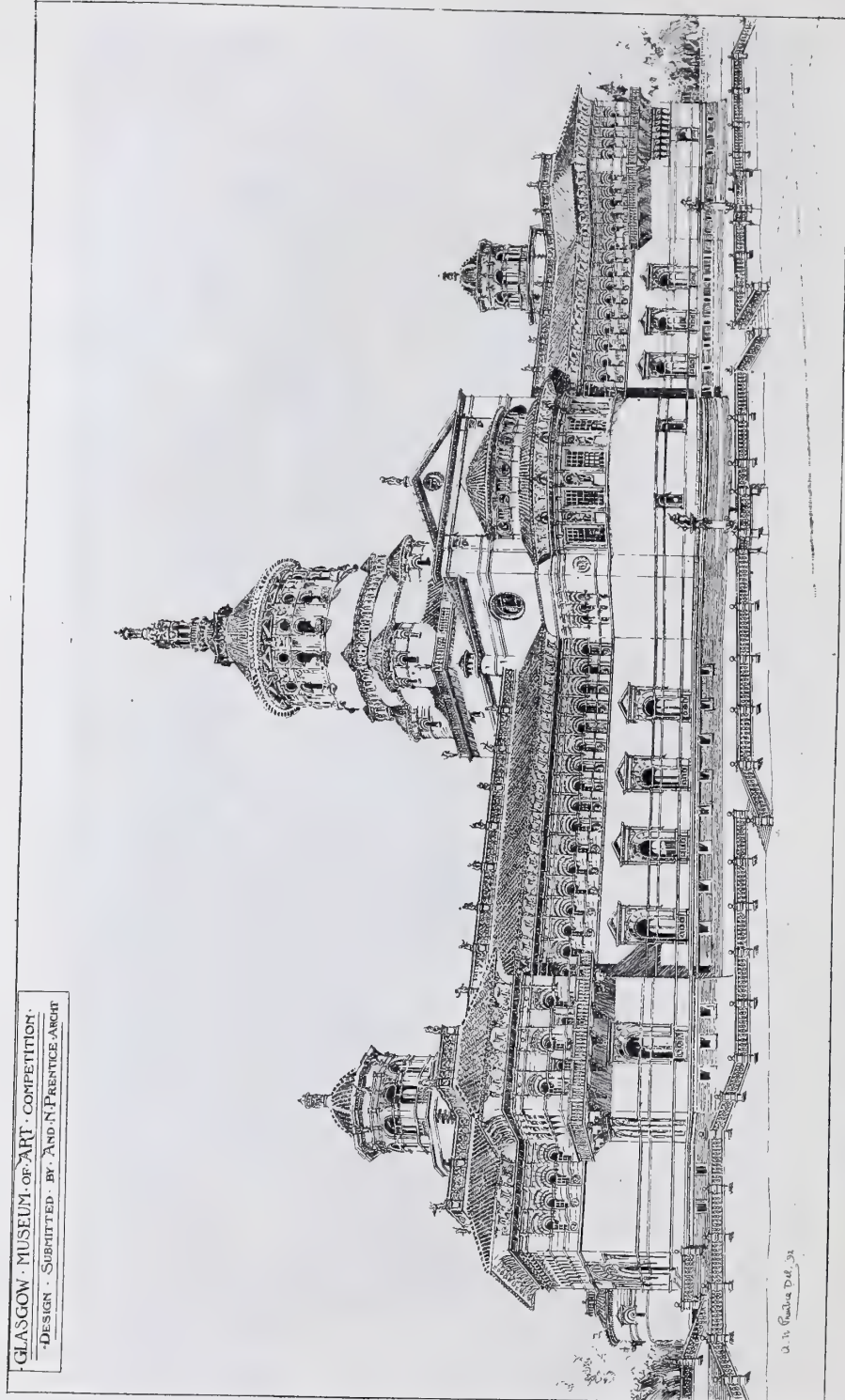
The Perspective View

1773. *Competitive Design for Polytechnic Institute, Battersea, ROGER SMITH, SON AND GALE, Architects.*

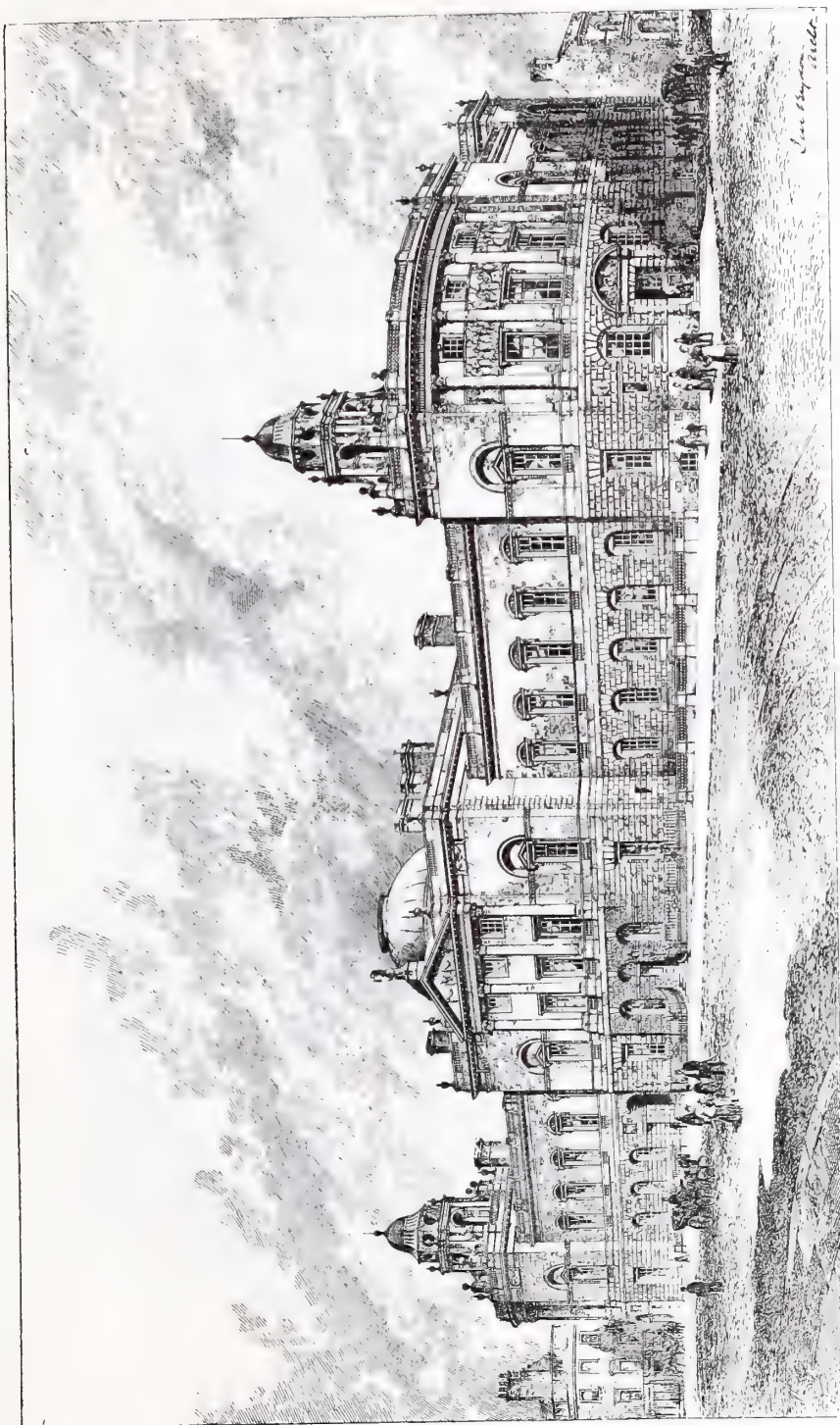


1768. *Battersea Polytechnic Institute*, EDWARD W. MOUNTFORD, Architect.



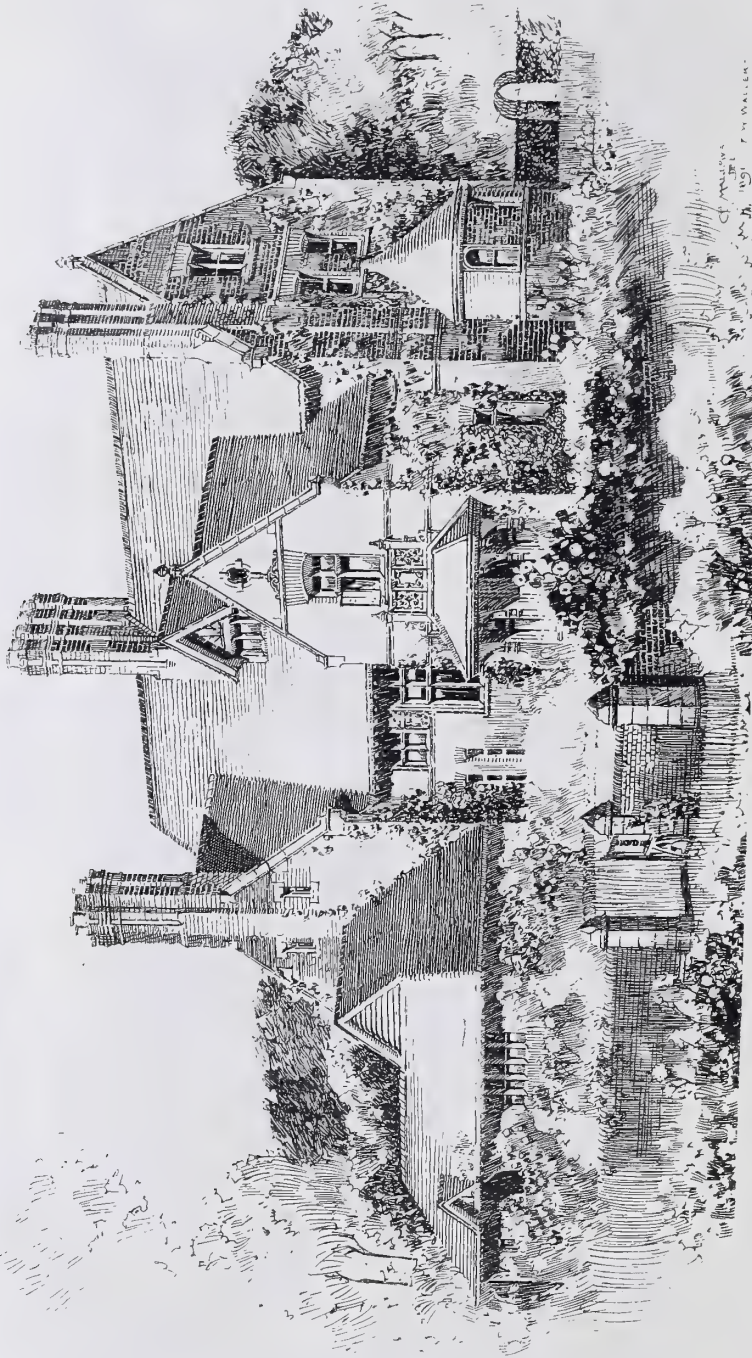


1802. Glasgow Art Galleries; Competitive Design submitted by ANDREW N. PRENTICE, Architect.



1734. *Municipal Buildings, Bath, Selected Design, J. M. BRYDON, F.R.I.B.A., Architect.*



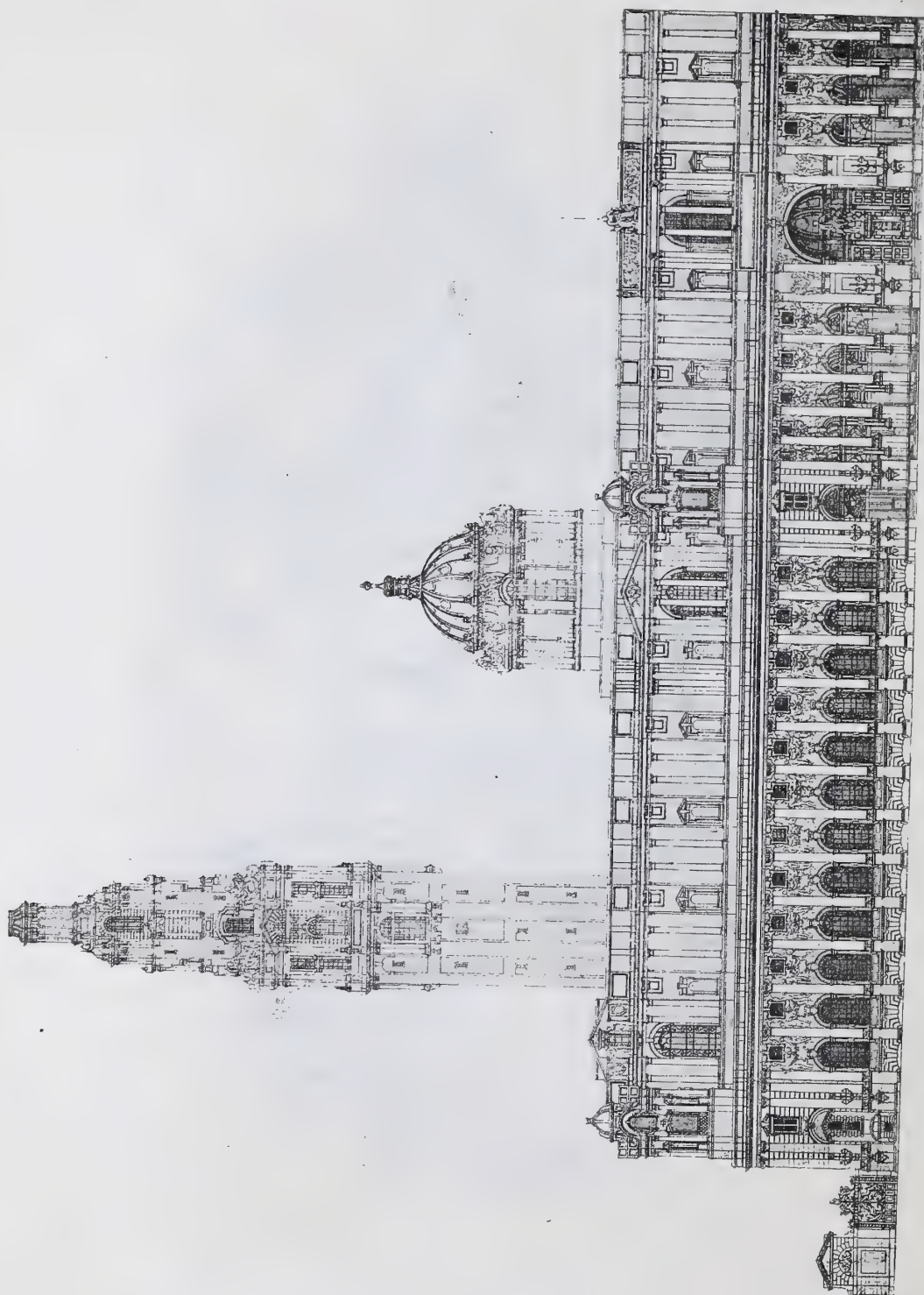


1748. House at Eastbourne, for Professor Huxley, F.R.S., FREDERICK W. WALLER, F.R.I.B.A., Architect.  
(For plan see p. 147.)



1706. *An Architect's Home at Beckenham*, FRANCIS HOOPER, A.R.I.B.A., Architect.



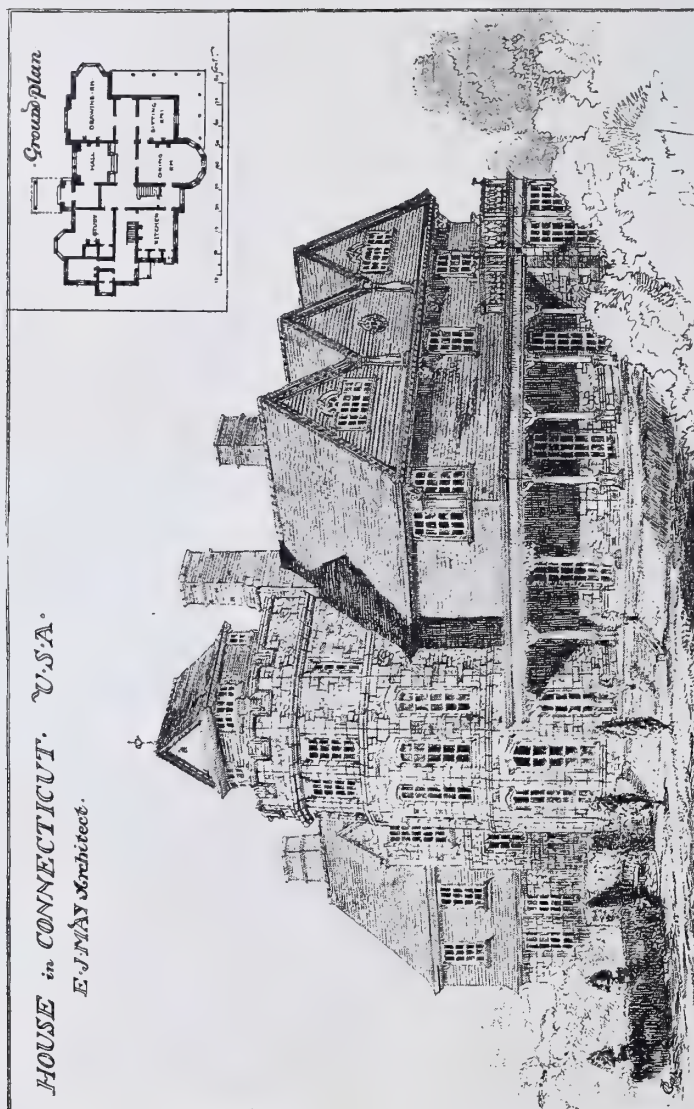


1809. *Part of Design for South Kensington Museum, Cromwell Road Elevation, JOHN BELCHER, F.R.I.B.A., Architect.*

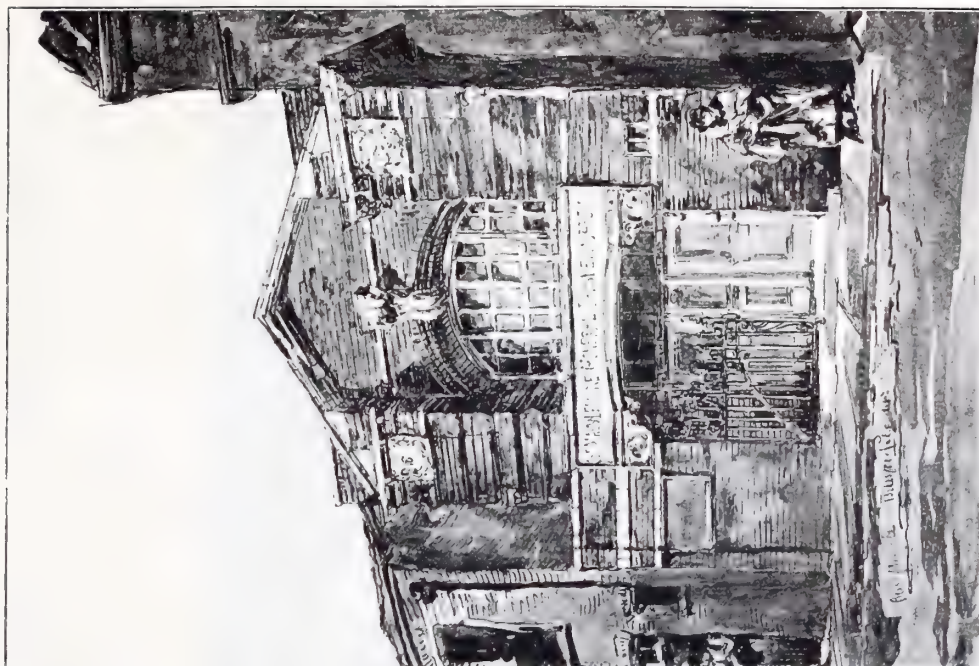


*St. Peter's College, Radley, New Cloister and Proposed New Chapel and Hall, THOMAS G. JACKSON, A.R.A., Architect.*

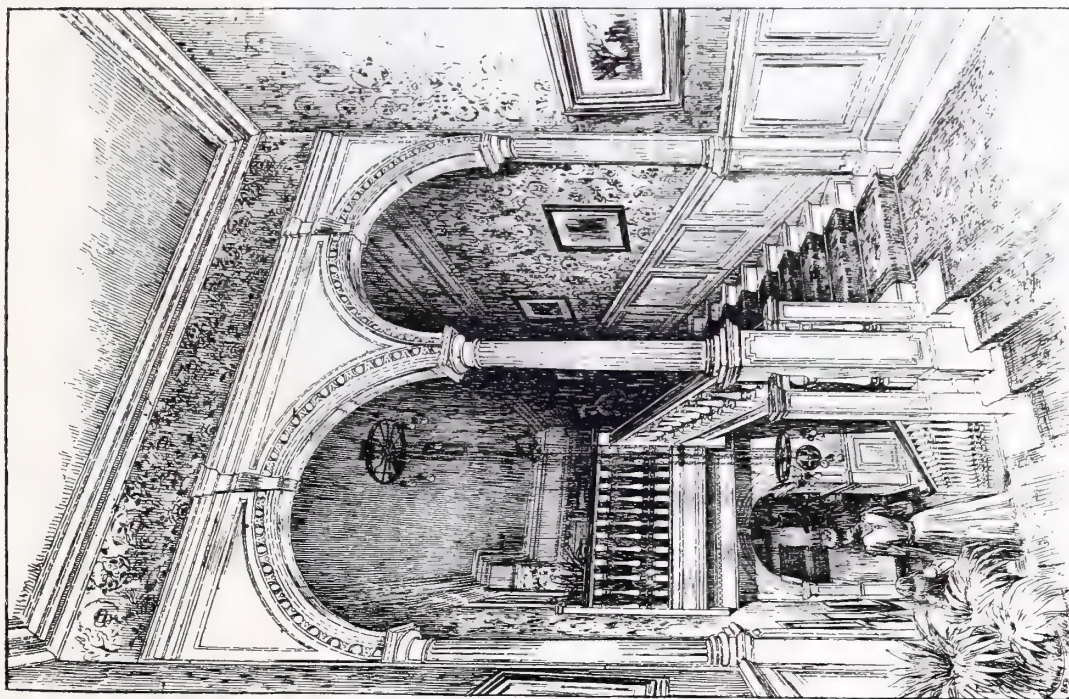




1627. House in Connecticut, E. J. MAY, F.R.I.B.A., Architect.



1668. *St. Marylebone General Dispensary*,  
HERSFORD PITE, A.R.I.B.A., Architect



1680. *Staircase, Buller's Wood, Chislehurst*, ERNEST NEWTON,  
F.R.I.B.A., Architect





# ANNUAL ARCHITECTURAL REVIEW, 1892.



*Tower*, Sketch by OTTO RIETH, Architect, Berlin.

*From Architektur Skizzen*, by OTTO RIETH, 120 Sketches, published by GEORG SIEMENS, Berlin (*see* A1vt.).



# EQUITABLE

## LIFE ASSURANCE SOCIETY.

Established 1762. On the Mutual Principle, whereby all Profits belong to the Assured.

THE INVESTED FUNDS NOW EXCEED £4,000,000.

1. No Commission or Agency Fees.

2. Ordinary Working Expenses 3·4 per cent. of Annual Income.

3. Claims paid immediately on Proof.

4. Interim Bonuses paid: the Present Rate being £2 per cent. per annum.

5. Policies World-wide in ordinary cases after Five years' duration.

6. The full Reserve Value of Policies paid on Surrender. The Surrender Value of a Policy (with Bonus Additions) which had been in force for twenty years (on a Life aged 30 at entry) at the Last Division of Profits *was* 10 per cent. *more than the whole of the Premiums paid.*

## REDUCED PREMIUM SYSTEM

SECURES

## IMMEDIATE BONUS.

Under this system only 75 per cent. of the Ordinary Premium is paid, the balance of 25 per cent. accumulating against the Assurance, and being periodically discharged out of Bonuses.

### Rates of Premium under this System.

Age.	Annual Premium.			Age.	Annual Premium.		
20	£1	12	8	40	£2	11	0
25	1	16	1	45	2	18	5
30	2	0	0	50	3	8	0
35	2	4	11				

Full Description of the System, Prospectus, and other Papers will be sent on application.

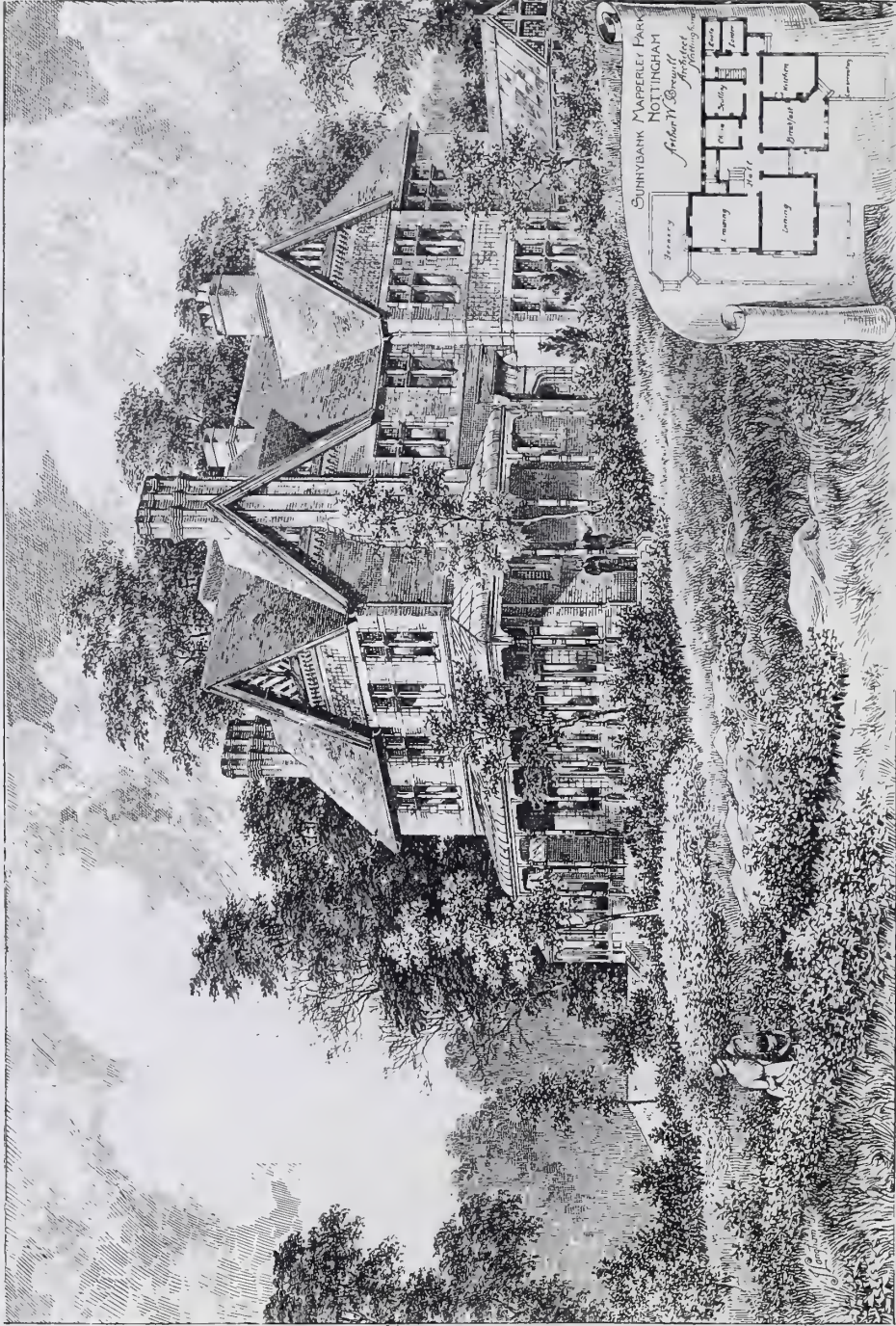
Offices:—Mansion House St., London, E.C.



*The Hall, South Lytchet Manor, near Poole, W. D. CARÖE, M.A., Architect.*

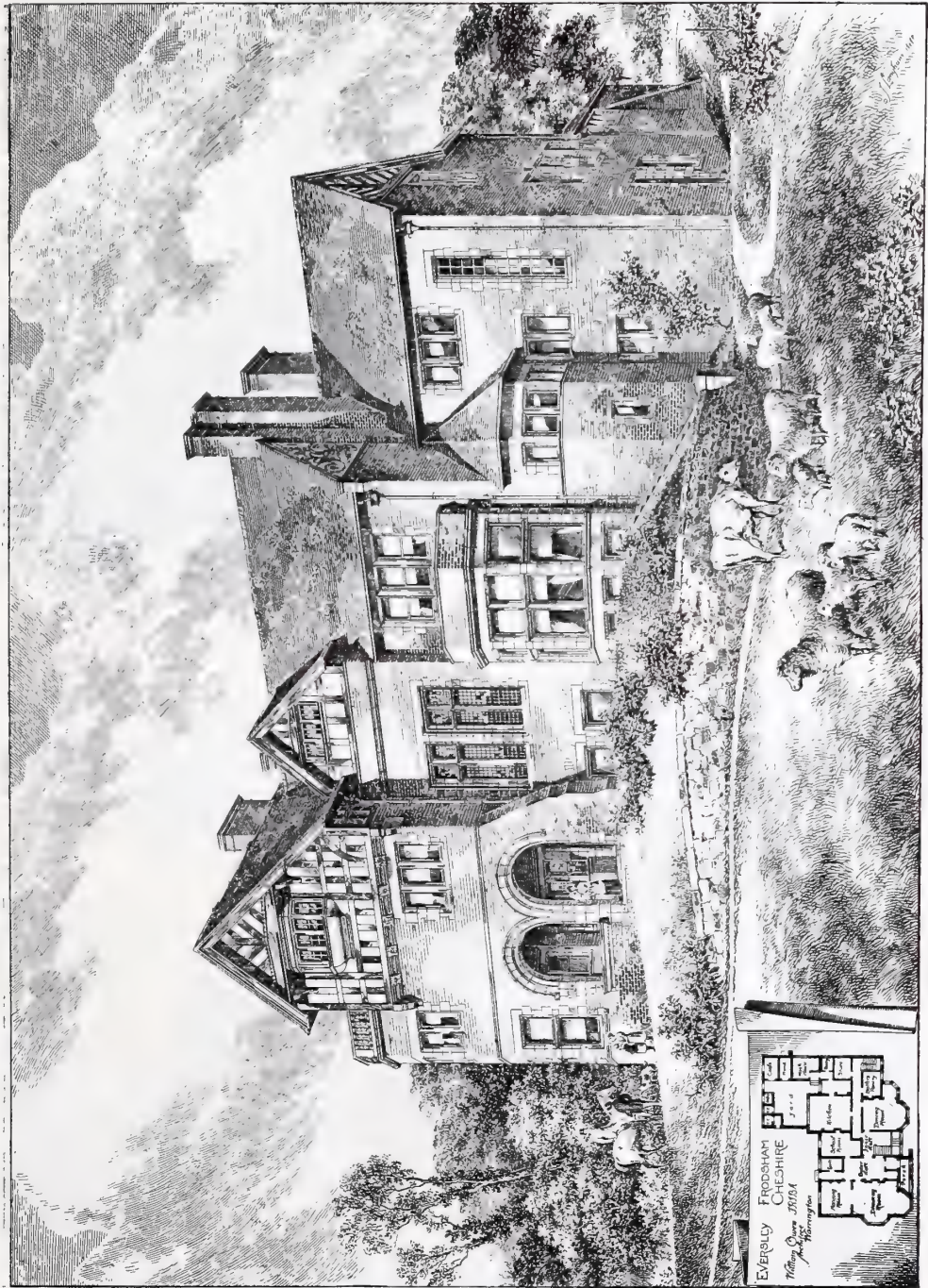
**Modelling** - Nathaniel Hitch, 60, Harleyford Road, Vauxhall, London, S.E.





*Sunnybank, Mapperley Park, Nottingham, ARTHUR W. BREWILL, Architect.*





*Eversly, Frodsham, Cheshire, WILLIAM OWEN, F.R.I.B.A., Architect.*





*Catholic Church and Presbytery, Aylesbury, GOLDIE, CHILD AND GOLDIE, Architects.*



*Chapel-of-Ease, Colehill, Wimborne, W. D. CARÖE, M.A., Architect.*

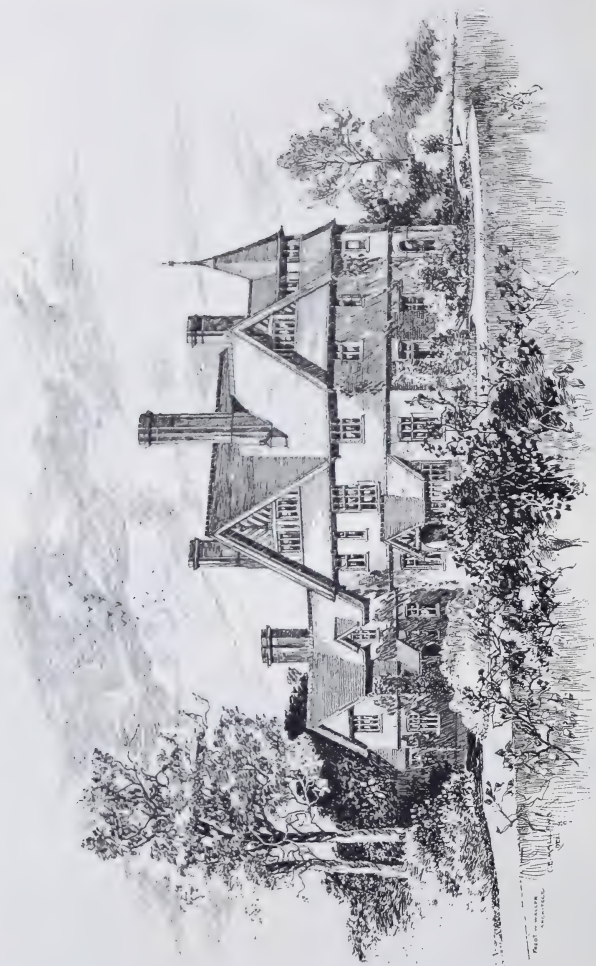


*Entrance Lodge at Welbeck Abbey, for his Grace the Duke of Portland, H. WILSON, Architect.*

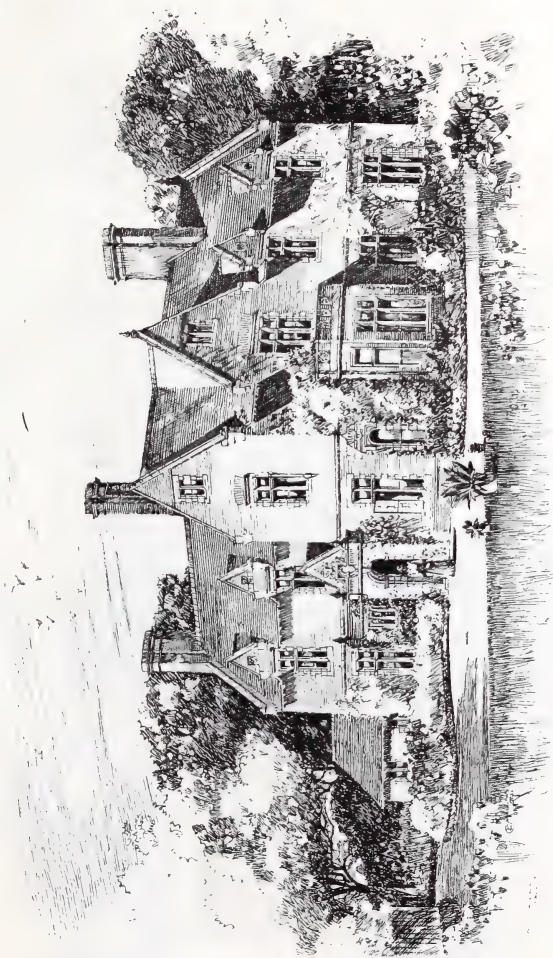


*Villa Residence, Surbiton Hill, for R. A. Morris, Esq., J.P., J. BUCKLEY WILSON, F.R.I.B.A., AND T. E. LIDIARD  
JAMES, M.S.A., Architects. (For plans see p. 146.)*



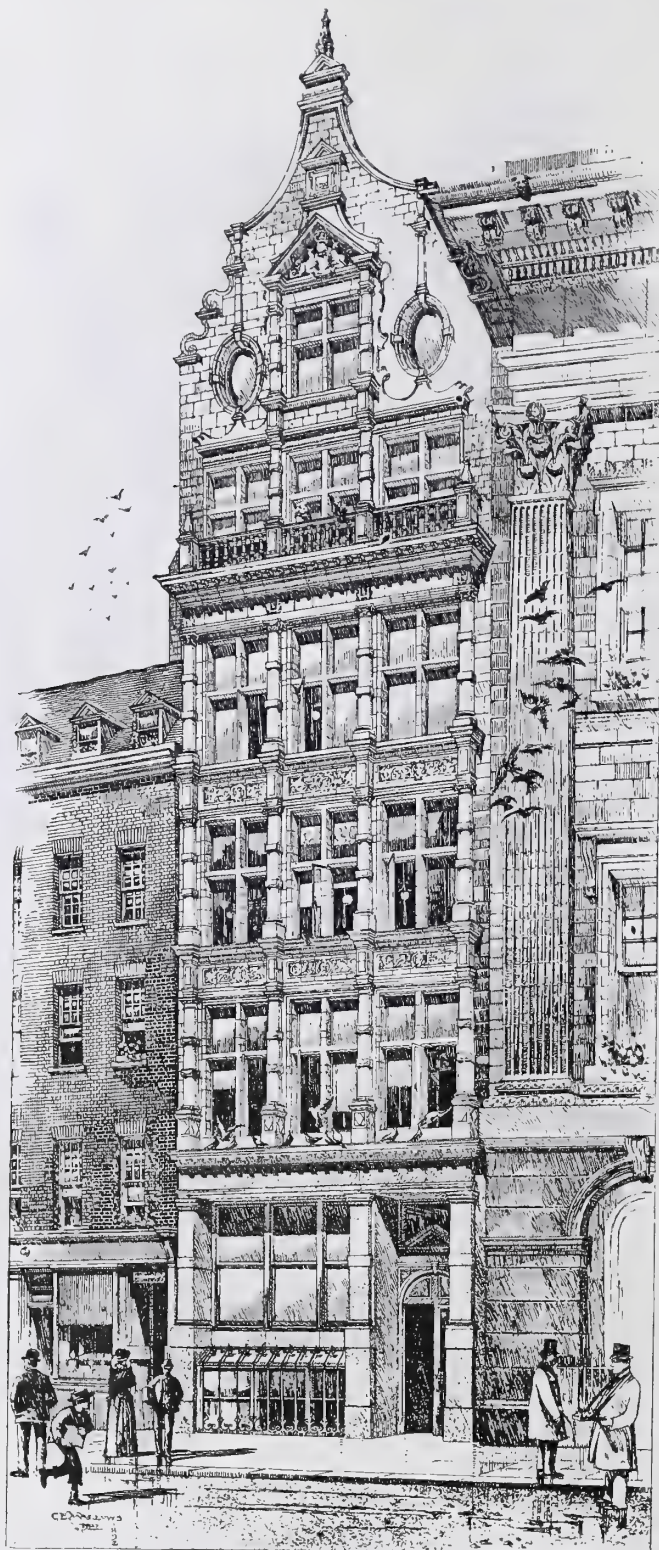


*House at Haslemere, Surrey, for Professor Williamson, F.R.S., Frederick W. Waller, F.R.I.B.A., Architect.  
(For plan see p. 147.)*



*House at Sunningdale, for Sir Joseph Hooker, C.B., WALLER AND SON, Architects. (For plan see p. 147.)*





*No. 18 Bishopsgate Street Within, E.C., W. E. AND F. BROWN, Architects.*



*The Sheffield Independent Offices, FLOCKTON AND GIBBS, Architects.*

**General Contractors—William Ives & Co., Gateland Works, Shipley.**





*Double Cottage on the Estate of T. H. W. Buckley, Esq., Crawley Down, Sussex, T. MAC LAREN, Architect.*

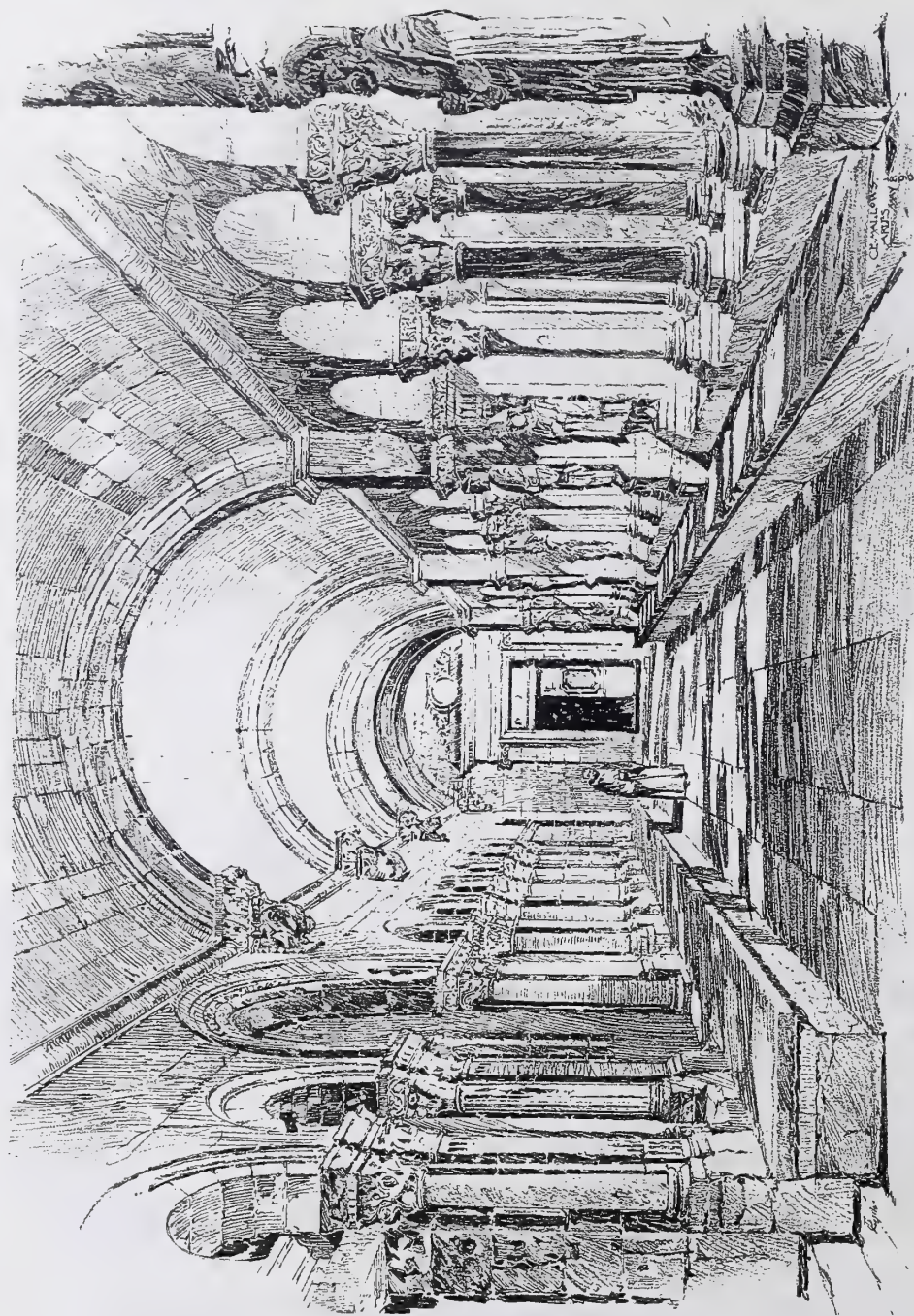


*Cottage for Schoolmaster, Churt, near Farnham, EDMUND WOODTHORPE, M.A., A.R.I.B.A., Architect.*



*Additions and Alterations, Grayshott House, Hants, EDMUND WOODTHORPE, M.A., A.R.I.B.A., Architect.*





*The Cloisters, St. Trophème, Arles, Bouches du Rhone, drawn by C. E. MALLOWS, Architect.  
Royal Academy Exhibition, 1891.*

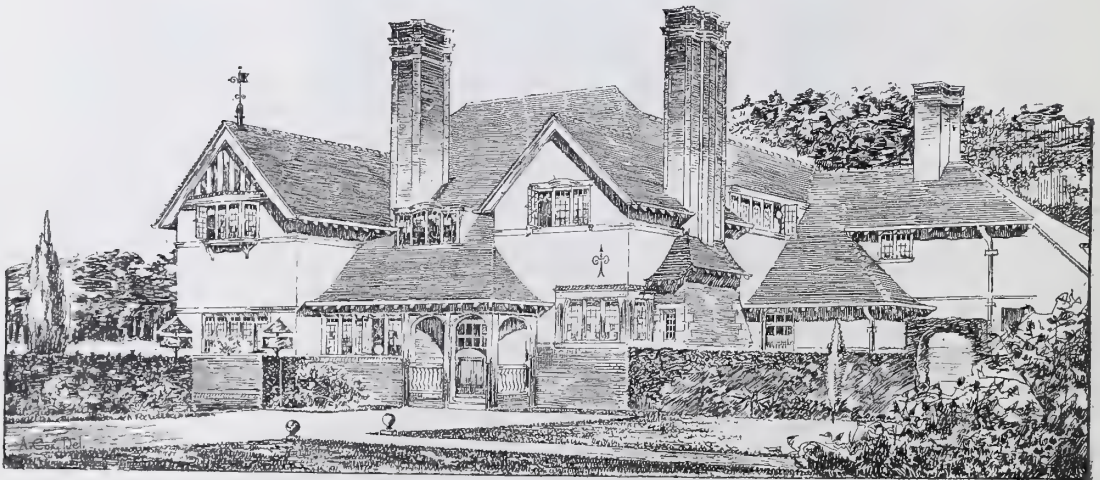


*Design for Altar and Retable, designed by JOHN D. SEDDING AND H. WILSON.*





*Inglewood, Edwalton, near Nottingham, ARTHUR W. BREWILL, Architect. (For plan see p. 146.)*



*House near Crooksbury, Farnham, PAXTON H. WATSON, A.R.I.B.A., Architect. (For plan see p. 147.)*

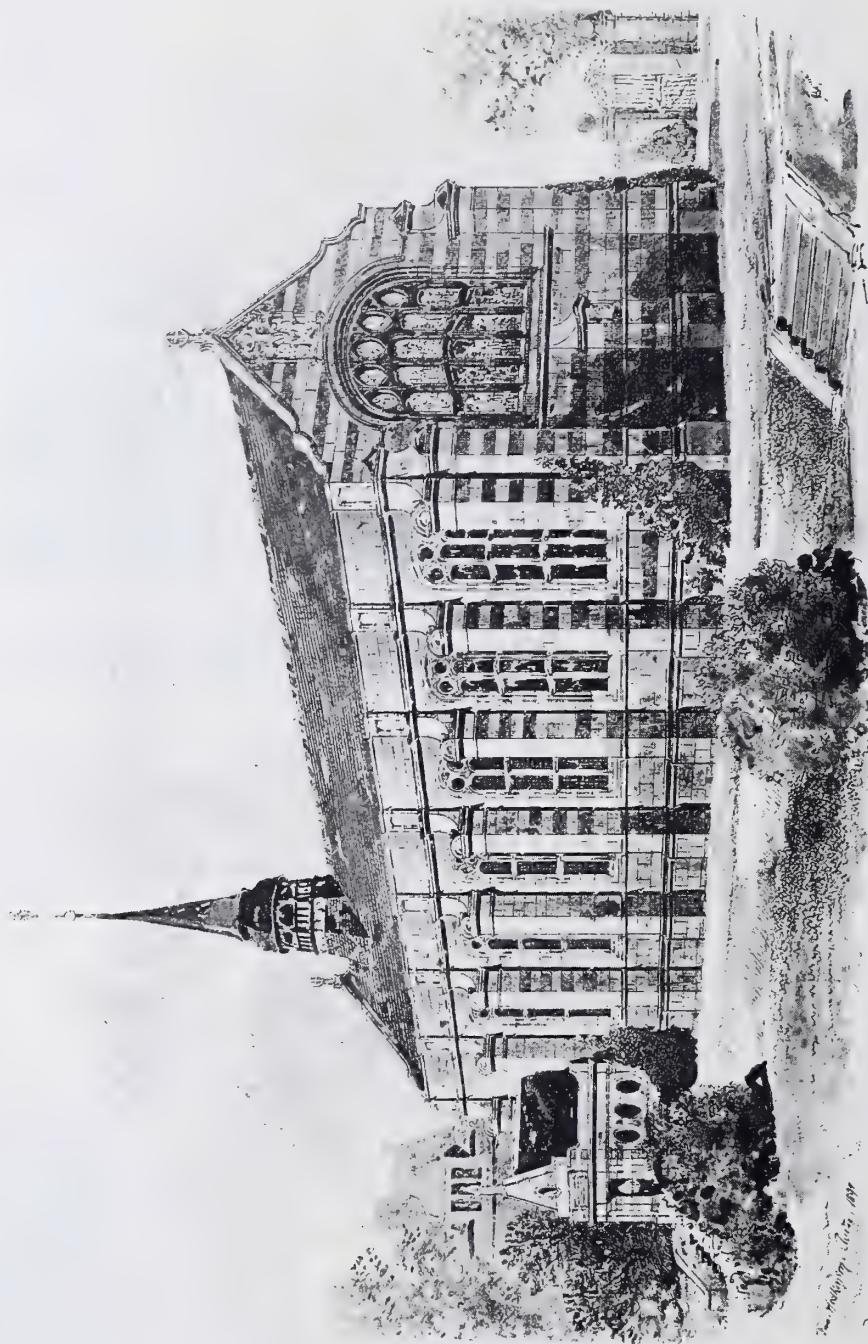


New Premises, Southport, for Parr's Banking Company Ltd., WILLIAM OWEN, F.R.I.B.A., Architect.



Semi-detached Villas, Colwyn Bay, North Wales, for J. Berth Jones, Esq., Llanrwst, T. E. LIDIARD JAMES, Architect.  
(For plans see p. 147.)





*Sketch for a College Chapel, EDWARD HODKINSON, Architect.*



*Working Men's Unionist Club, Ayr, JAMES A. MORRIS AND HUNTER, Architects. (For plans see p. 146.)*





*Hampstead Synagogue, DELISSA JOSEPH, F.R.I.B.A., Architect.*

General Contractors—John Allen & Sons, Palmerston Works, Kilburn, London, N.W.

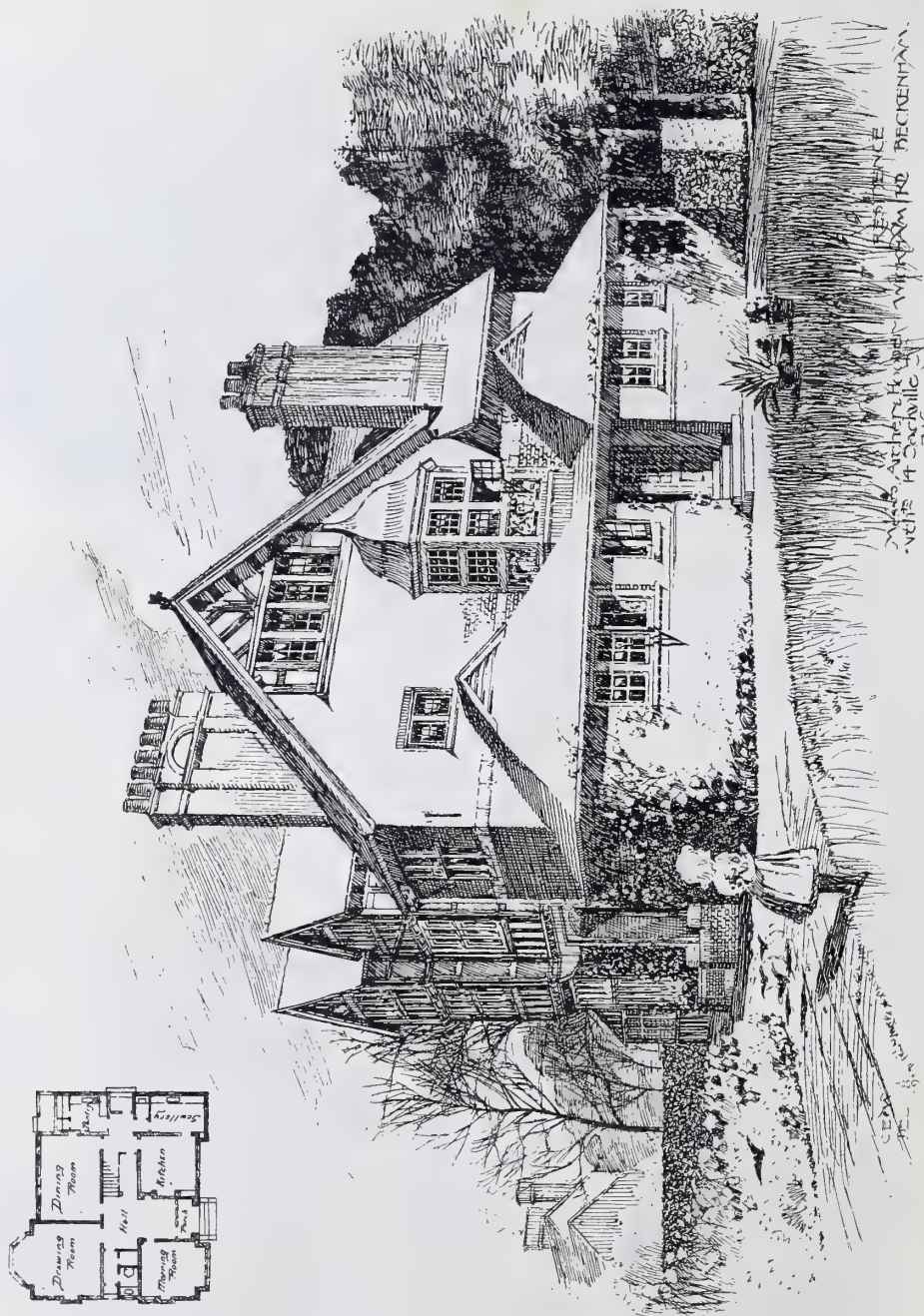


*The Nook, Sutton, Surrey, H. D. SEARLES-WOOD, F.R.I.B.A., Architect. (For plans see p. 147.)*



*House for H. Carty, Esq., Sutton, Surrey, H. D. SEARLES-WOOD, F.R.I.B.A., Architect. (For plans see p. 147.)*





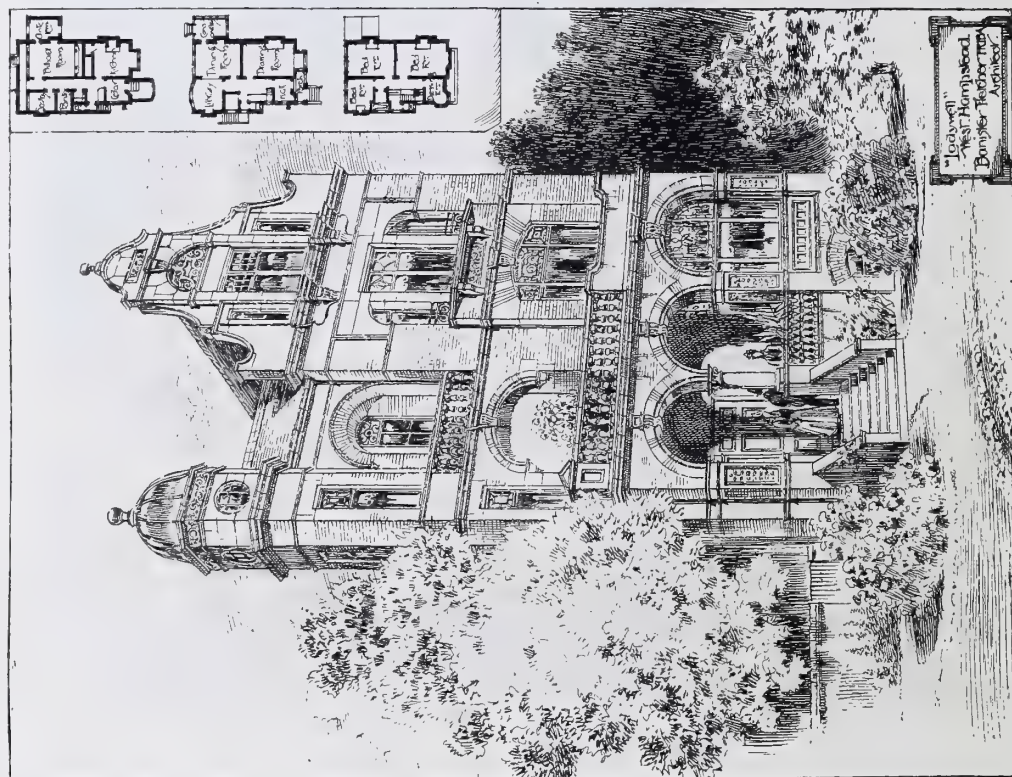
Residence, Wickham Road, Beckenham, ARCHER AND HOOPER, Architects.



Glenroy, Finchley, E. W. POLEY, A.R.I.B.A., Architect.

Glenroy  
Finchley.  
E. W. POLEY, Architect.  
22, Surrey St. Strand  
W.C.





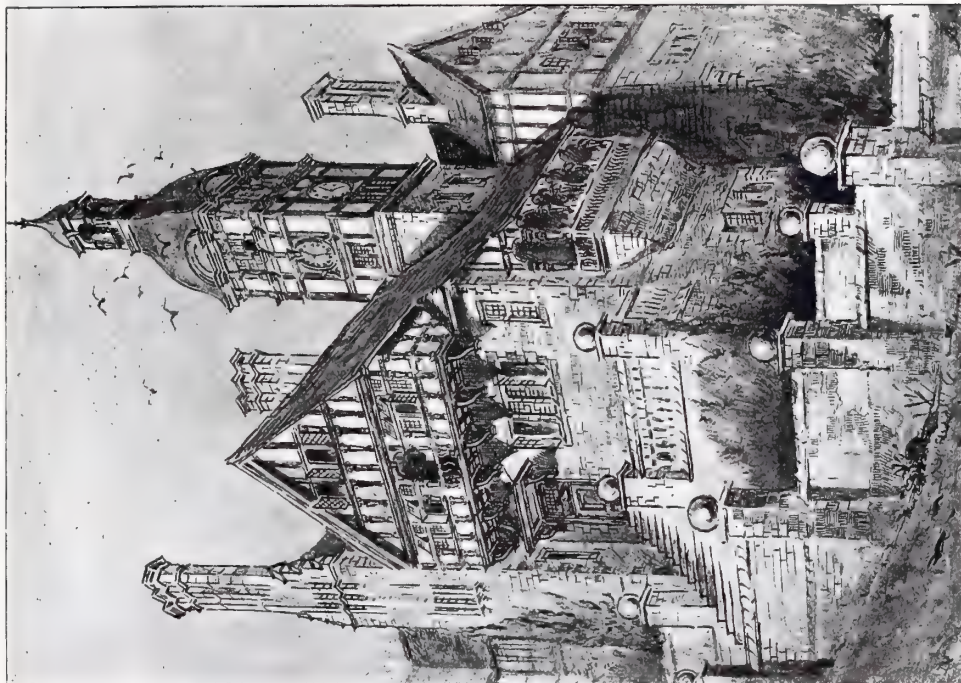
Ladywell, West Hampstead.

PROFESSOR BANISTER FLETCHER, F.R.I.B.A., Architect.

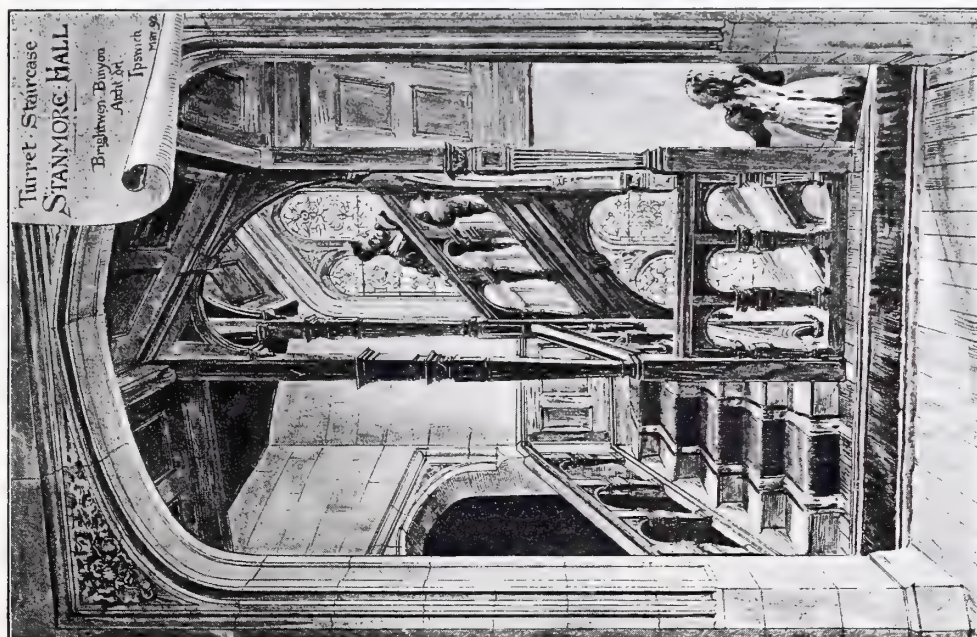


The Turret, West Hampstead.



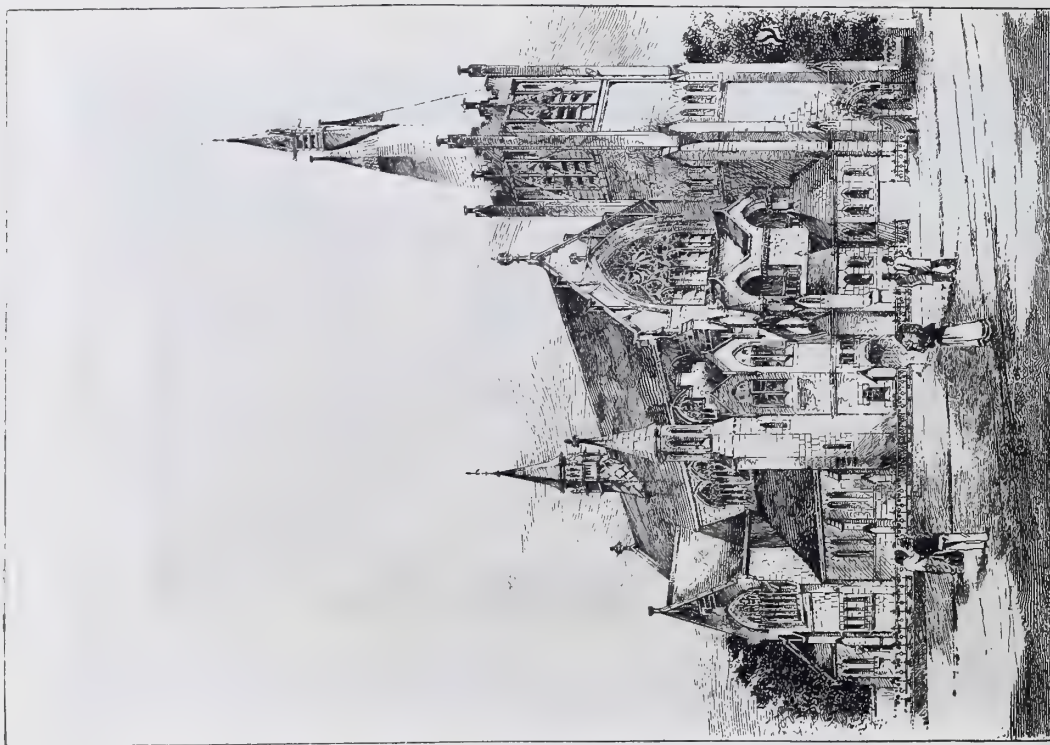


*Sketch for a Garlon Entrance for a House at Bexley, Kent,  
DUDLEY NEWMAN, F.R.I.B.A., Architect.*



*Turret Staircase, Stanmore Hall, BRIGHTWEN BINYON,  
A.R.I.B.A., Architect.*

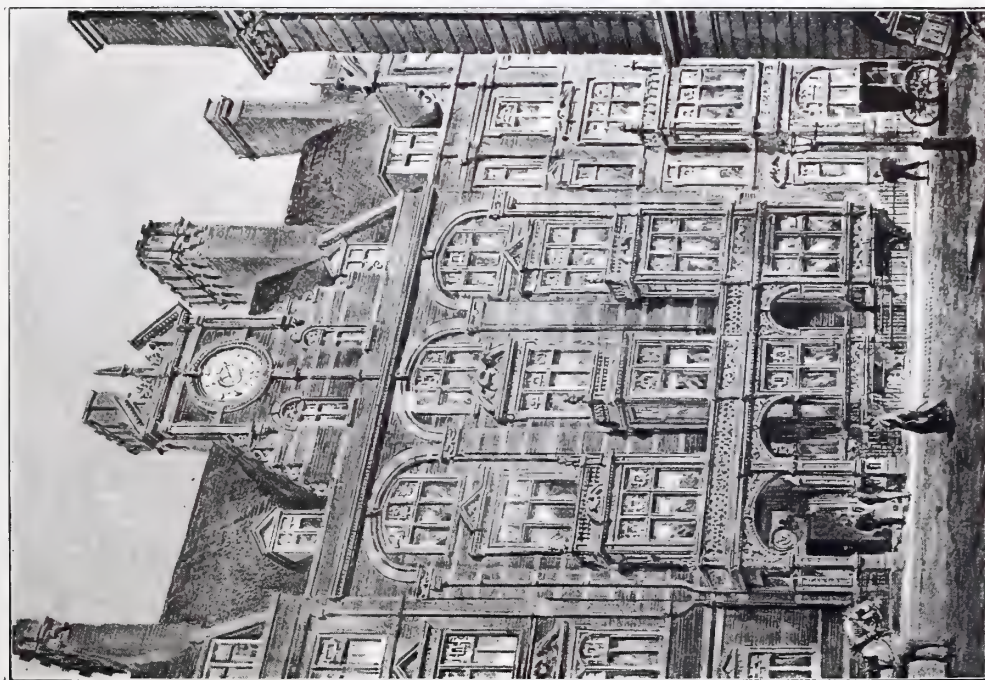




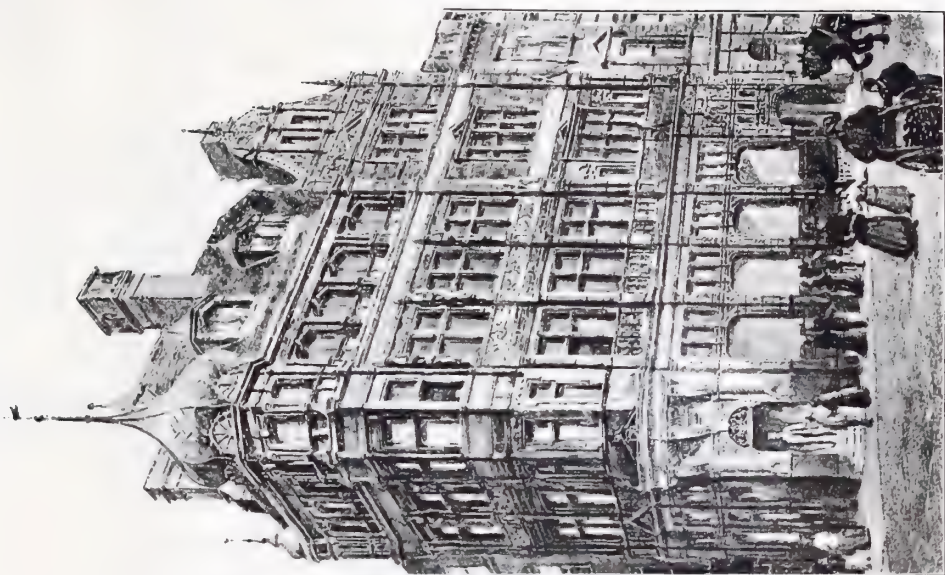
*Design for Church of the English Martyrs, Stratford, S.W.,  
FREDERICK WHEELER, F.R.I.B.A., Architect.*



*Clock Tower of the People's Palace for East London, E. R. ROBSON,  
F.R.I.B.A., Architect.*



*The Clock House, Arundel Street, Strand, W.C.,*  
JOHN DUNN, F.R.I.B.A., Architect.



*Adelphi Bank, Liverpool,* W. D. CAROE, M.A., Architect.

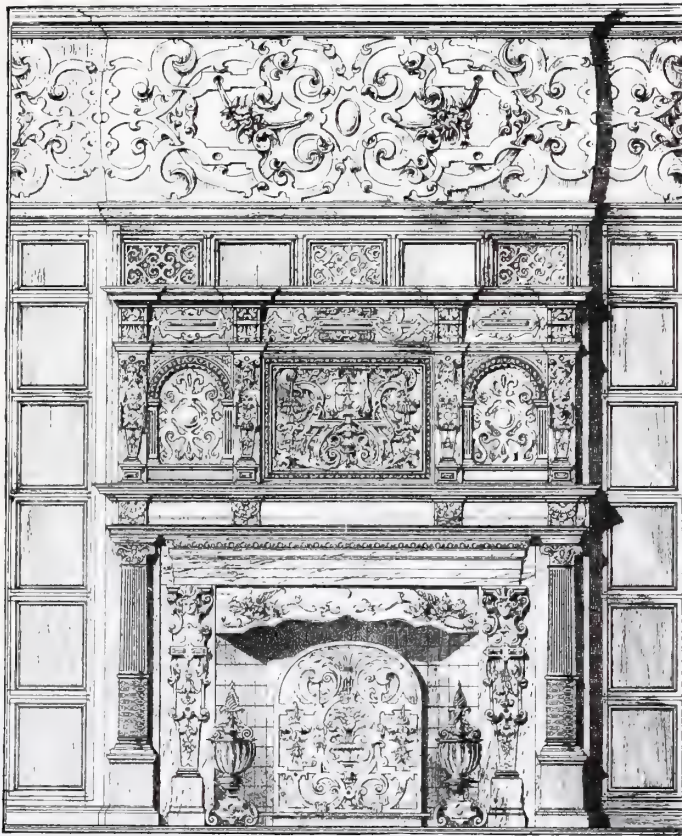




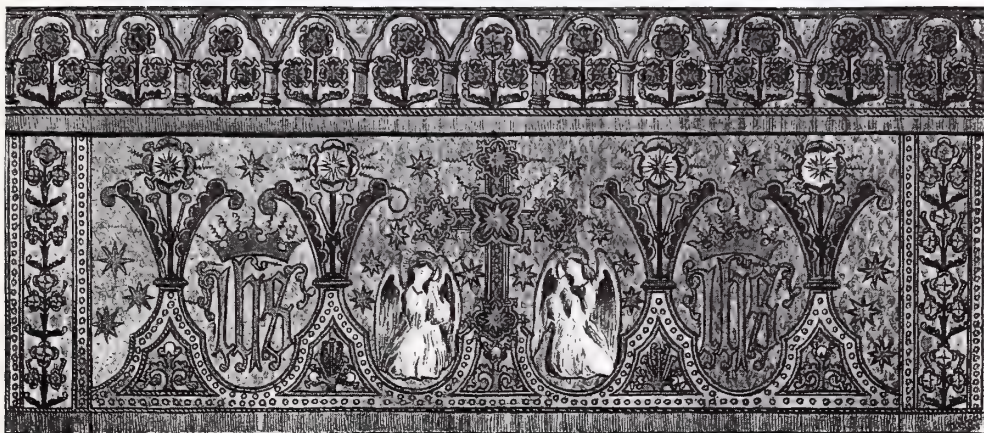
*Pair of Houses at Burnt Ash Hill, Lee, R. A. BRIGGS, F.R.I.B.A., Architect.*



*New Bank and Suites of Offices, Goole, for Messrs. Beckett and Company, HENRY B. THORP Architect.*



*Billiard-room Fireplace, Copt Hall, MARSHALL AND TURNER, Architects.*



*Design for Altar Cloth for S. Mary Magdalene Church, Chiswick, DUDLEY NEWMAN, F.R.I.B.A., Architect.*





*New Church, Miles Platting, Manchester, LEONARD STOKES, Architect.*

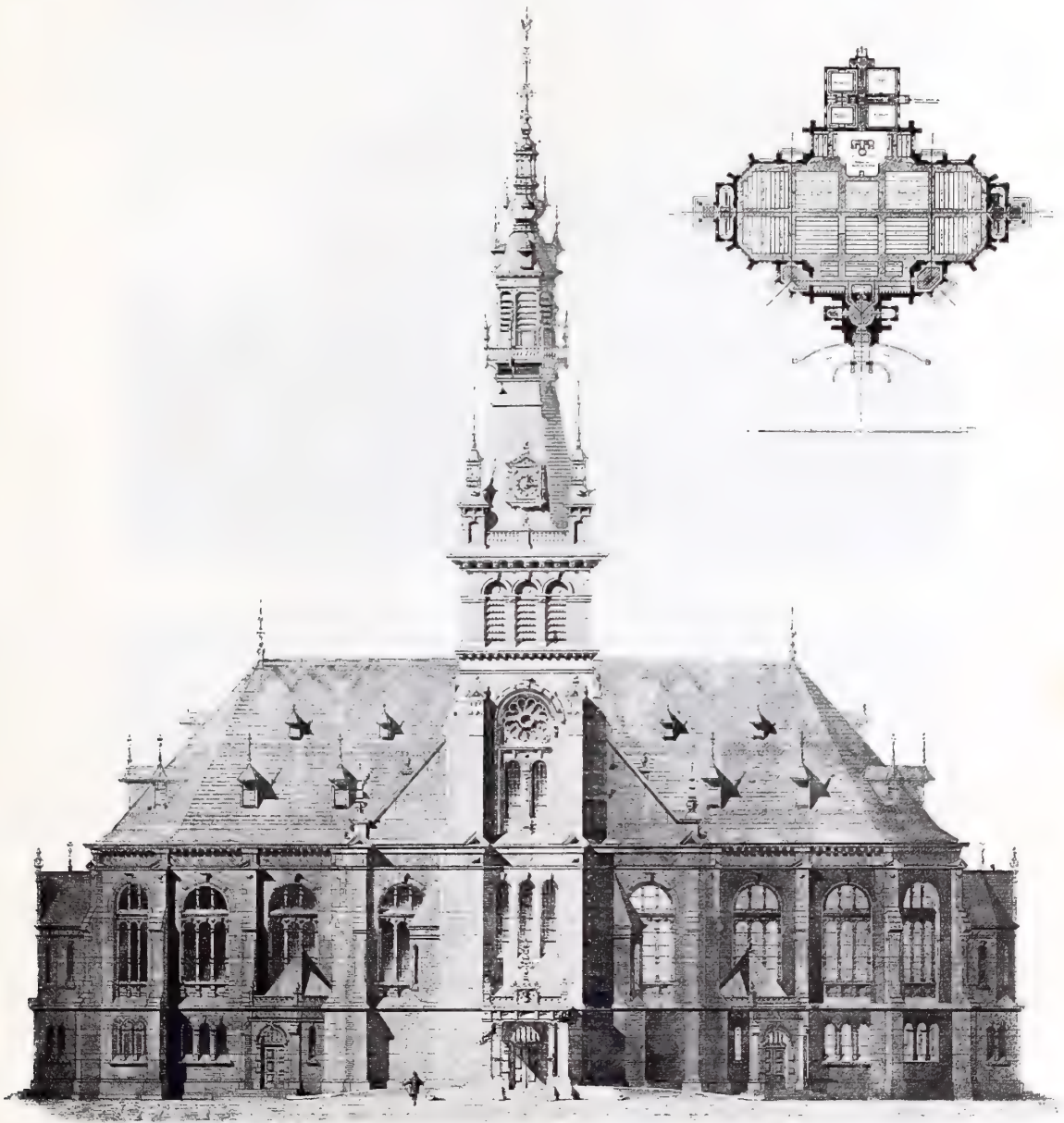


*House, Place de l'Industrie, Brussels, WYNAND JANSSENS, Architect, Brussels.*





*Design for Parochial Church of Notre Dame (l'Assomption), Raamsdonkveer (Pays-Bas), JOSEPH H. J. CUYPERS,  
Architect and Civil Engineer, Amsterdam.*

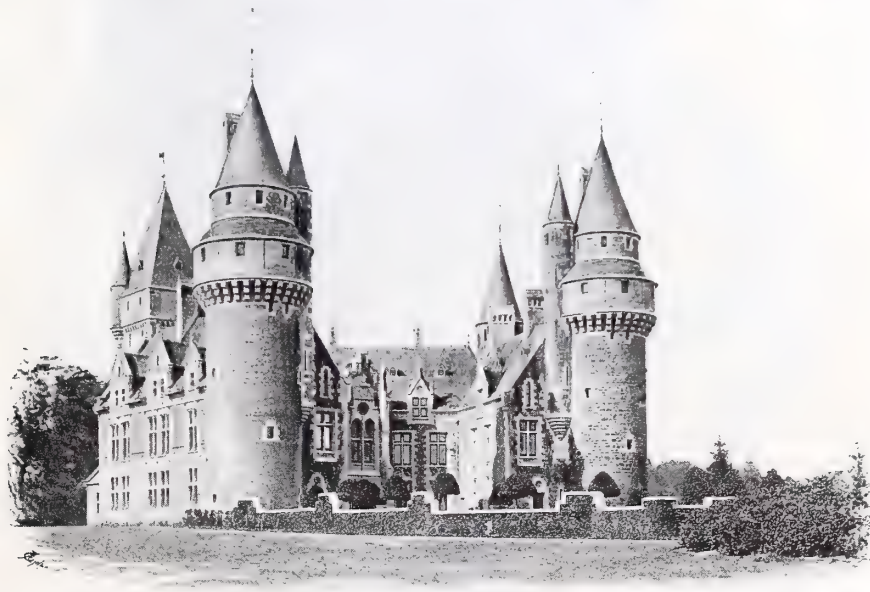


*Church at Apeldoorn, J. VERHEUL DZN, Architect, Rotterdam. Scale, 1: 400.*



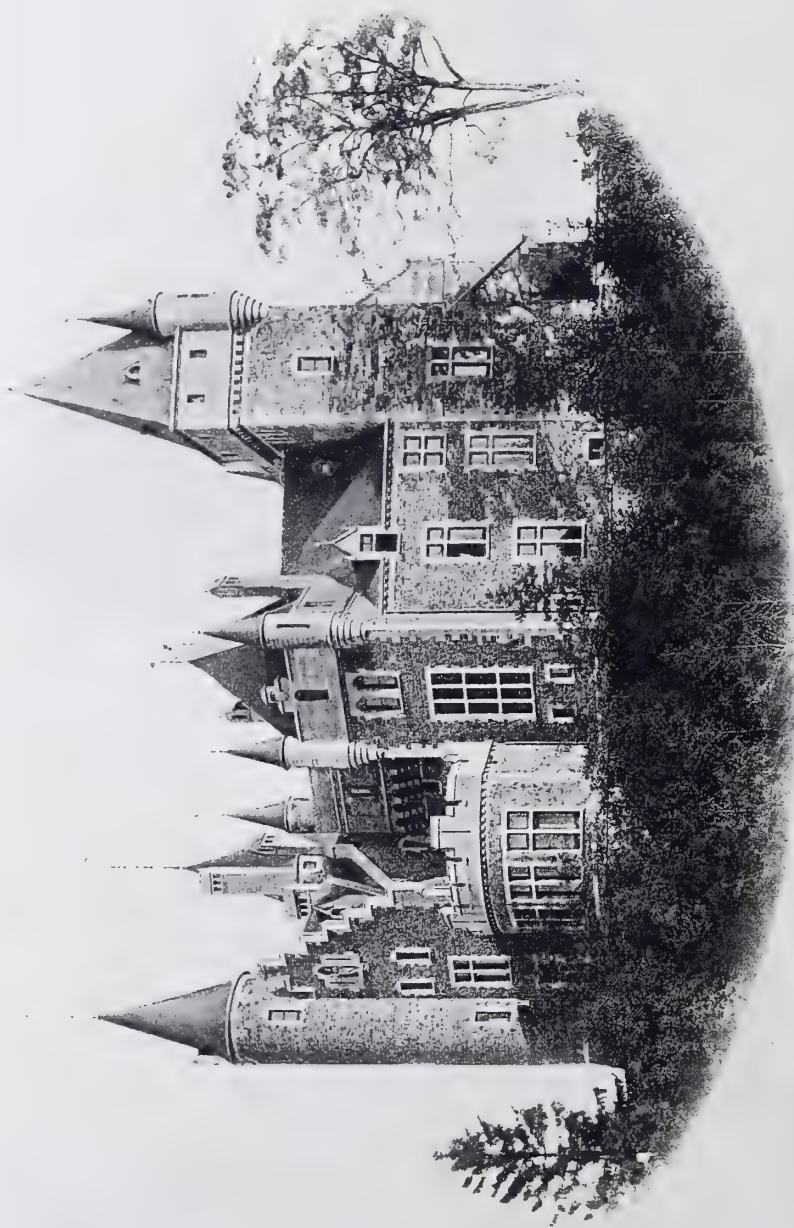


*Château de Mons. De Foer-Bey, Jodoigne, Belgium, EM. JANLET, Architect, Brussels. (For plan see p. 145.)*

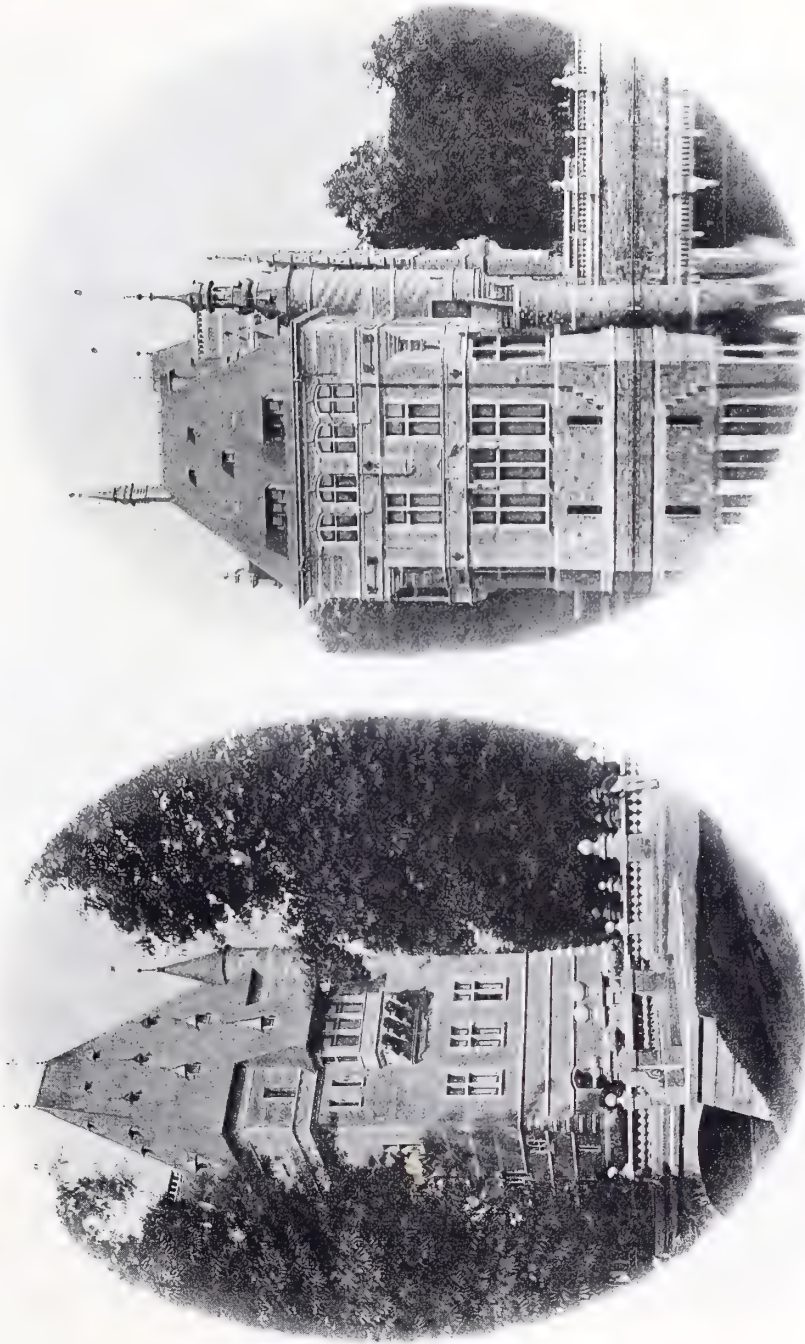


*Château de Faulx, Commune de Goyet, Province de Namur, Belgium, HENRI BEYAERT, Architect, Brussels.*



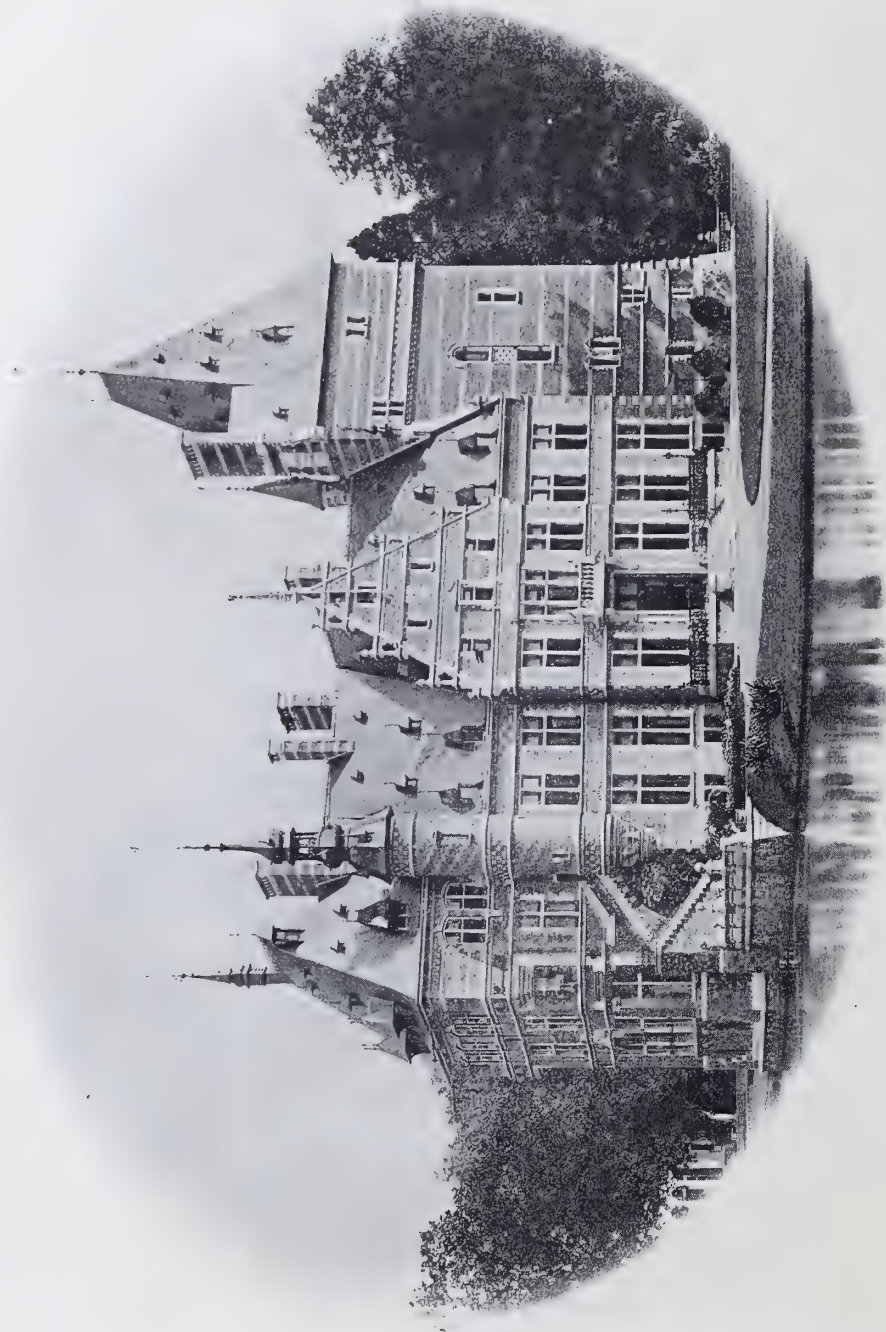


*Château de Faulx, Commune de Goyet, Province de Namur, Belgium, HENRI BEYAERT, Architect, Brussels.  
(For plan see p. 145.)*



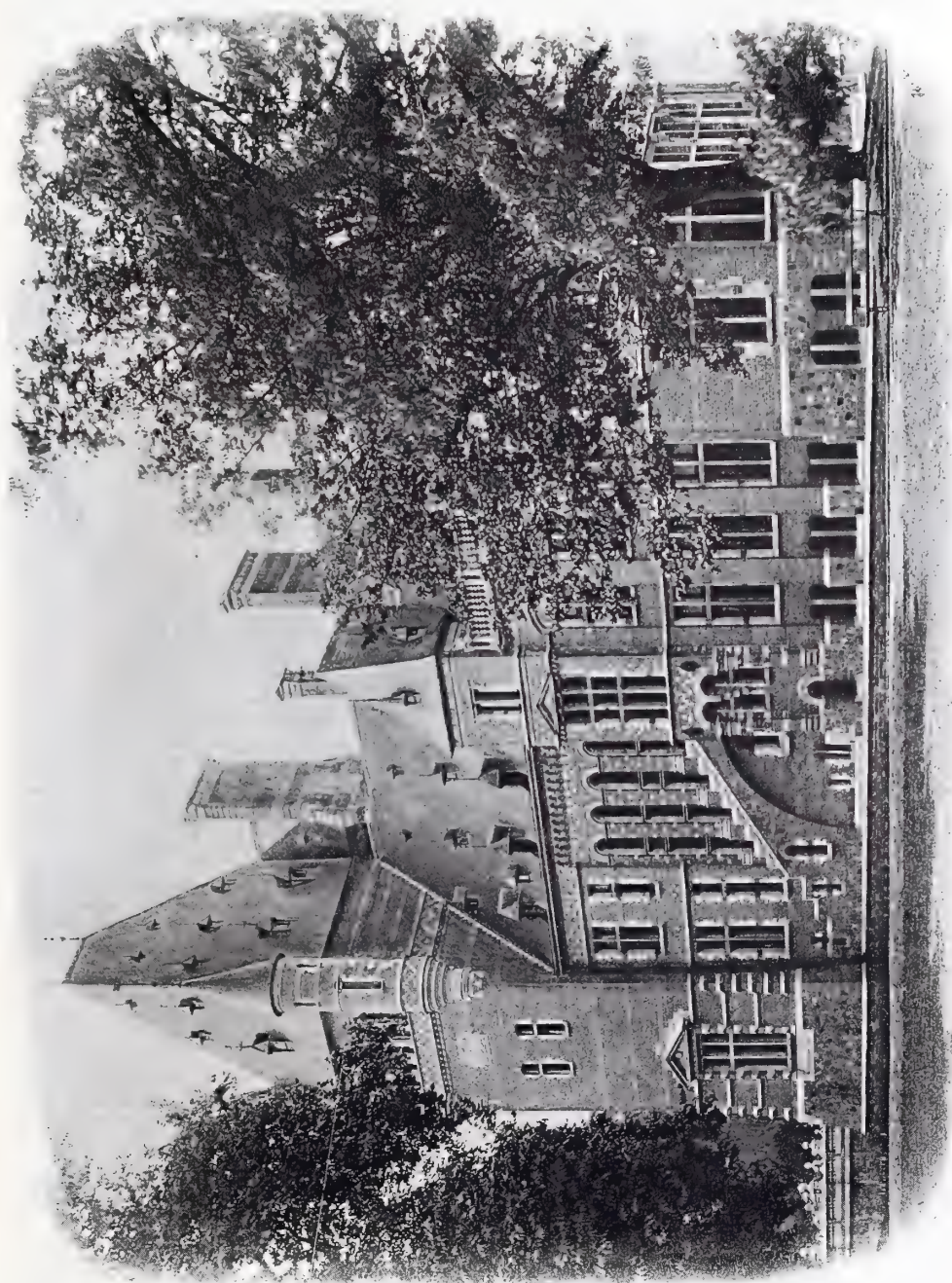
*Château de Wespelaer, Belgium; HENRI BEYAERT, Architect, Brussels.*





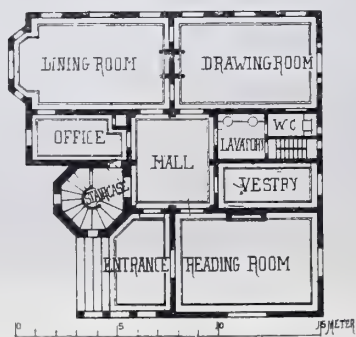
*Château de Wespeleer, Belgium, HENRI BEYAERT, Architect, Brussels.*

(For plan see p. 145.)

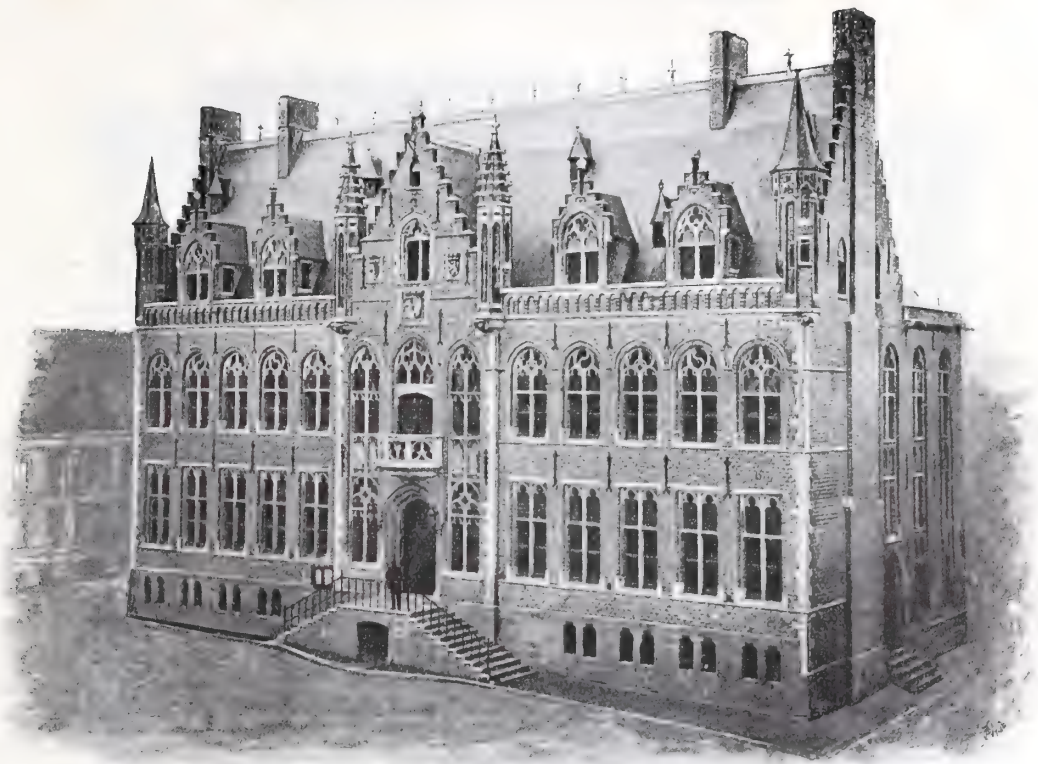


*Château de Wespelaar, Belgium, HENRI BEYAERT, Architect, Brussels.*





*Château at St. Croix, Belgium, RENÉ BUÏCK, Architect, Bruges.*



*Hôtel de Ville, Monscron, Belgium, RENÉ BUÏCK, Architect, Bruges.*

(For plan see p. 145.)



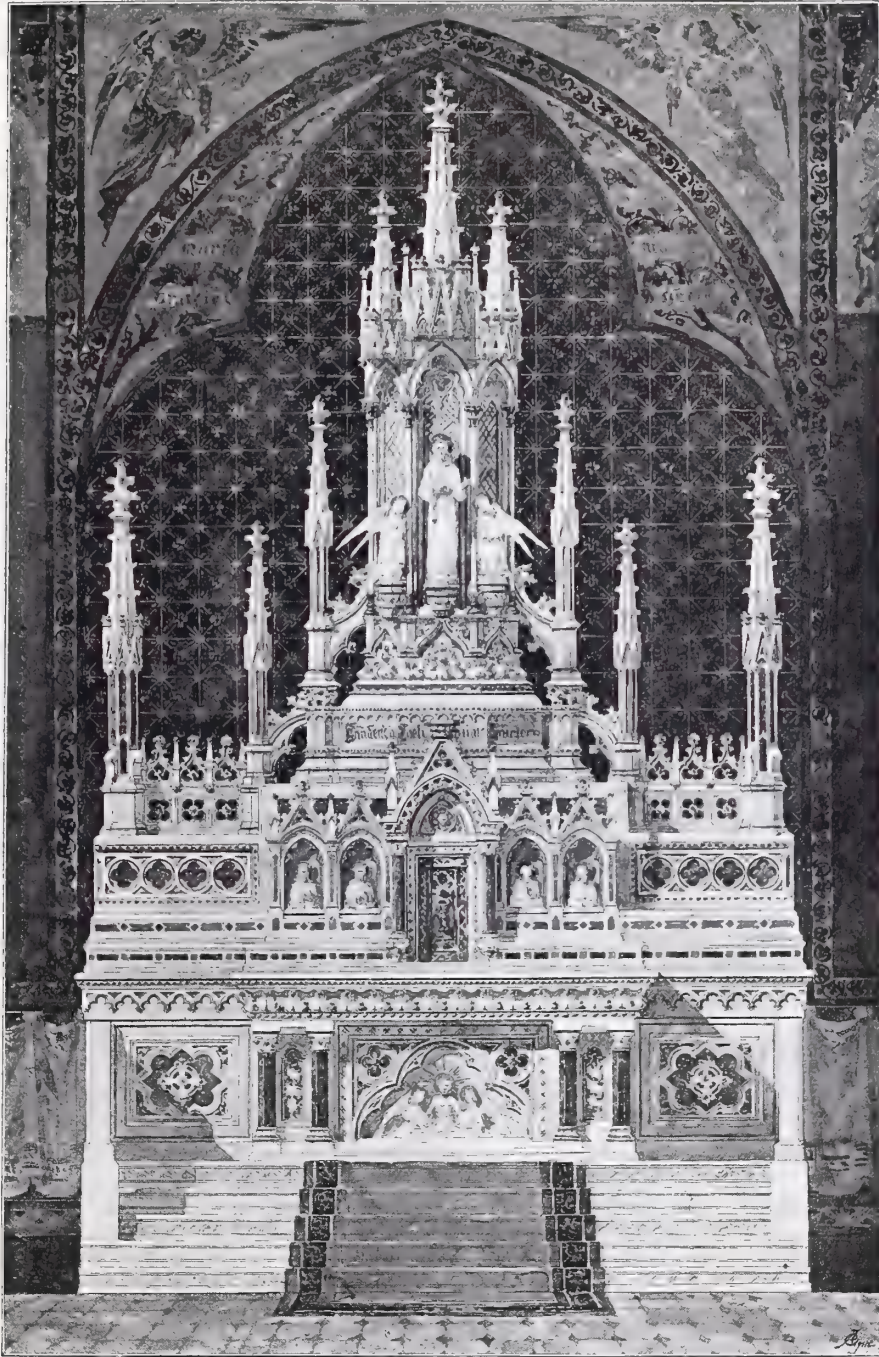
*Schools, Avenue de Birmingham, Anderlecht, near Brussels, J. J. VAN YSENDYCK, Hon. Corresponding Member R.I.B.A.  
Architect, Brussels.*

(For plan see p. 145).



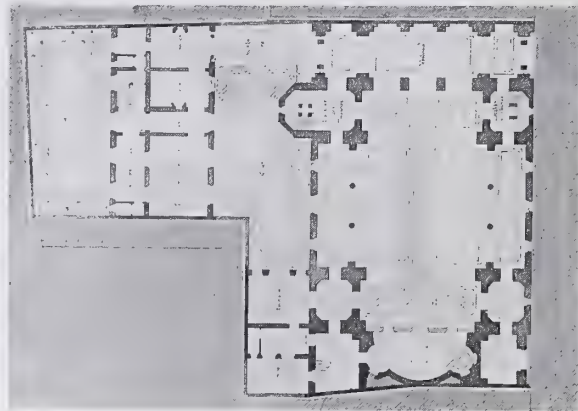


*Memorial to His late Majesty Leopold I., King of the Belgians, erected in front of the Palace at Laeken, near Brussels, LOUIS DE CURTE, Architect, Brussels.*



*Altar Piece for the Church of San Francesco, Vercelli, PROFESSOR GAETANO MORETTI, Architect, Milan.*



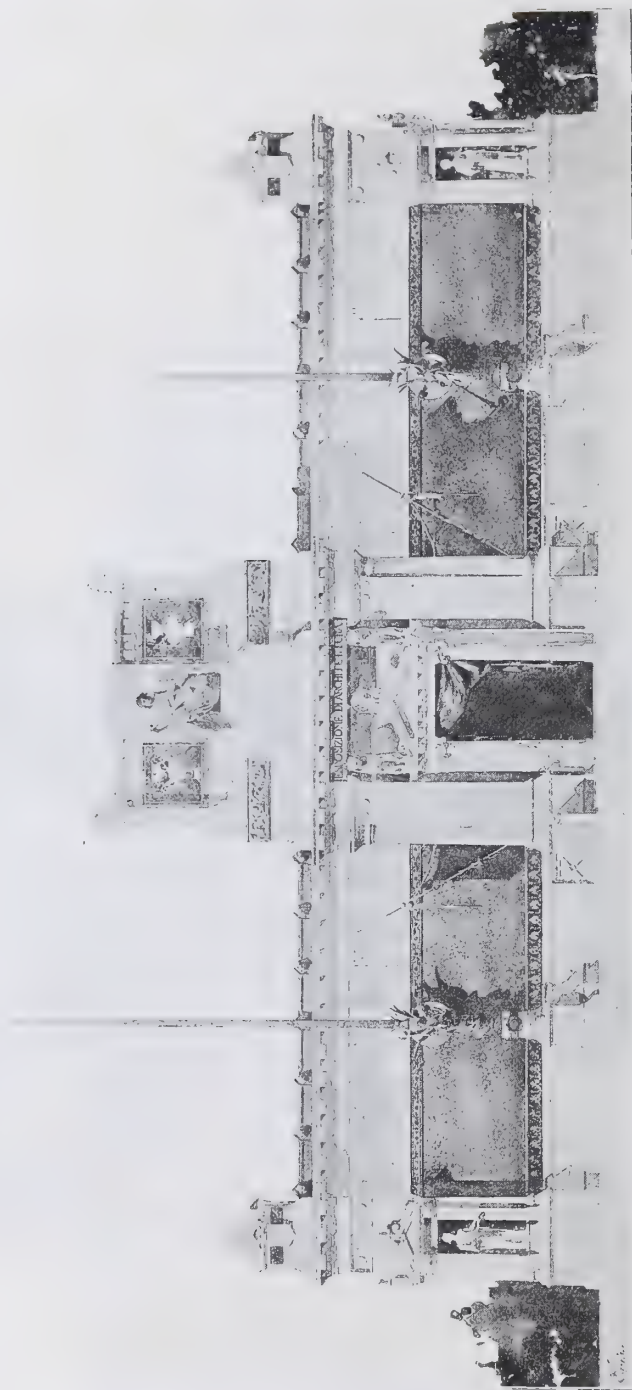


*Greek Church, Rue Bizet, Paris, E. VAUDREMER, Architect, Paris.*

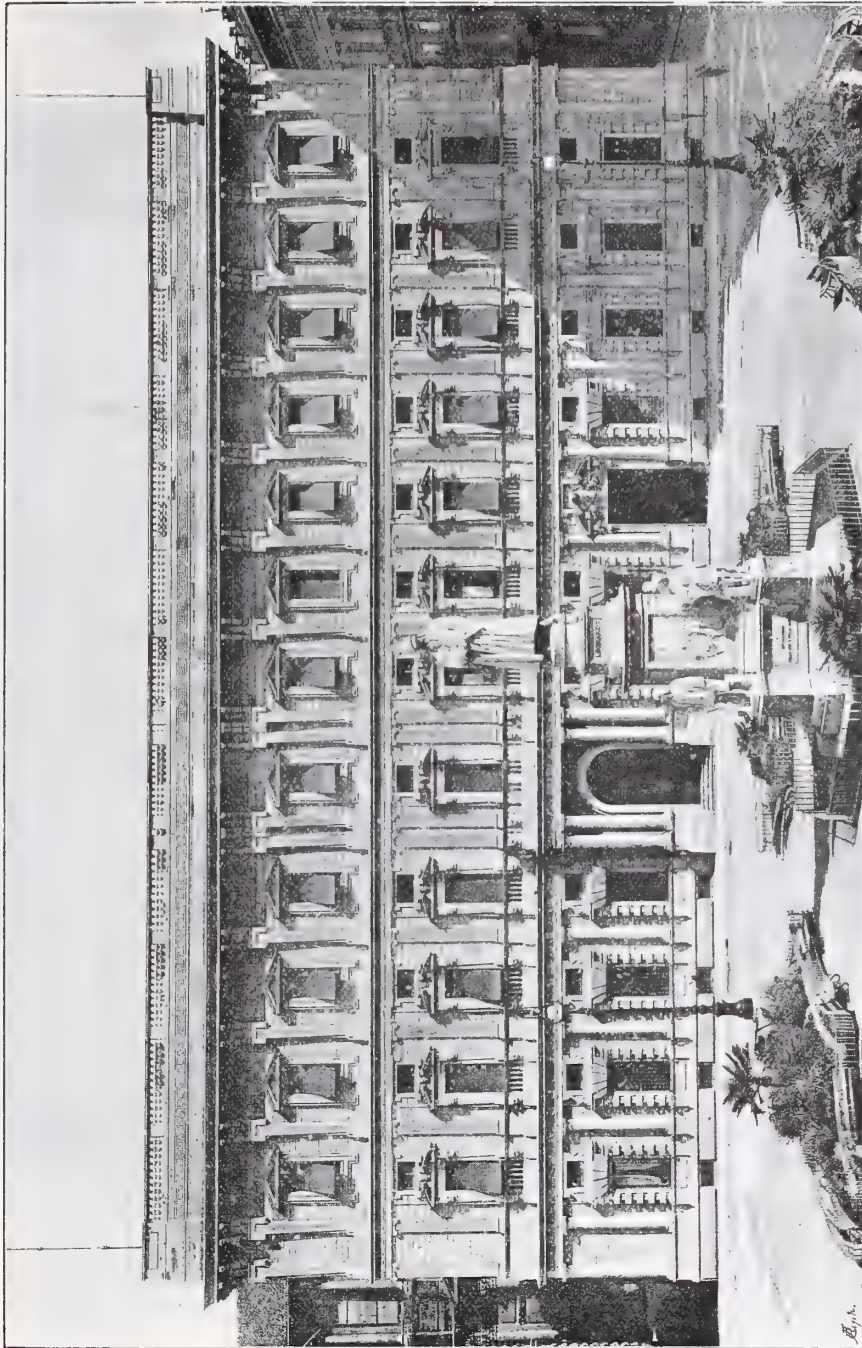


*Design for the completion of the Church. Front of S. Sepolcro, Milan, PROFESSOR GAETANO MORETTI, Architect, Milan.*



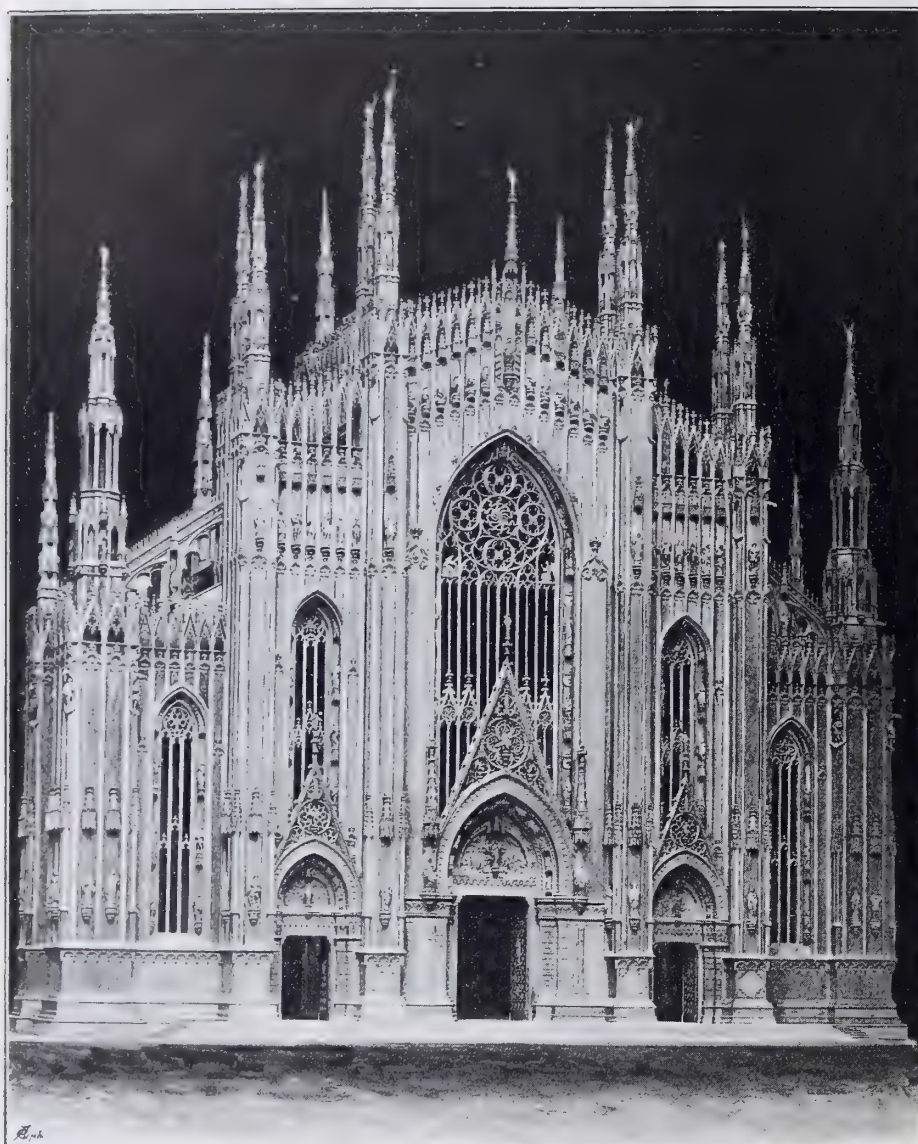


*Accepted Competition Design for the façade of the Architectural Exhibition Building, Twin, 1890, R. D'ARONCO, Architect, Messina.*

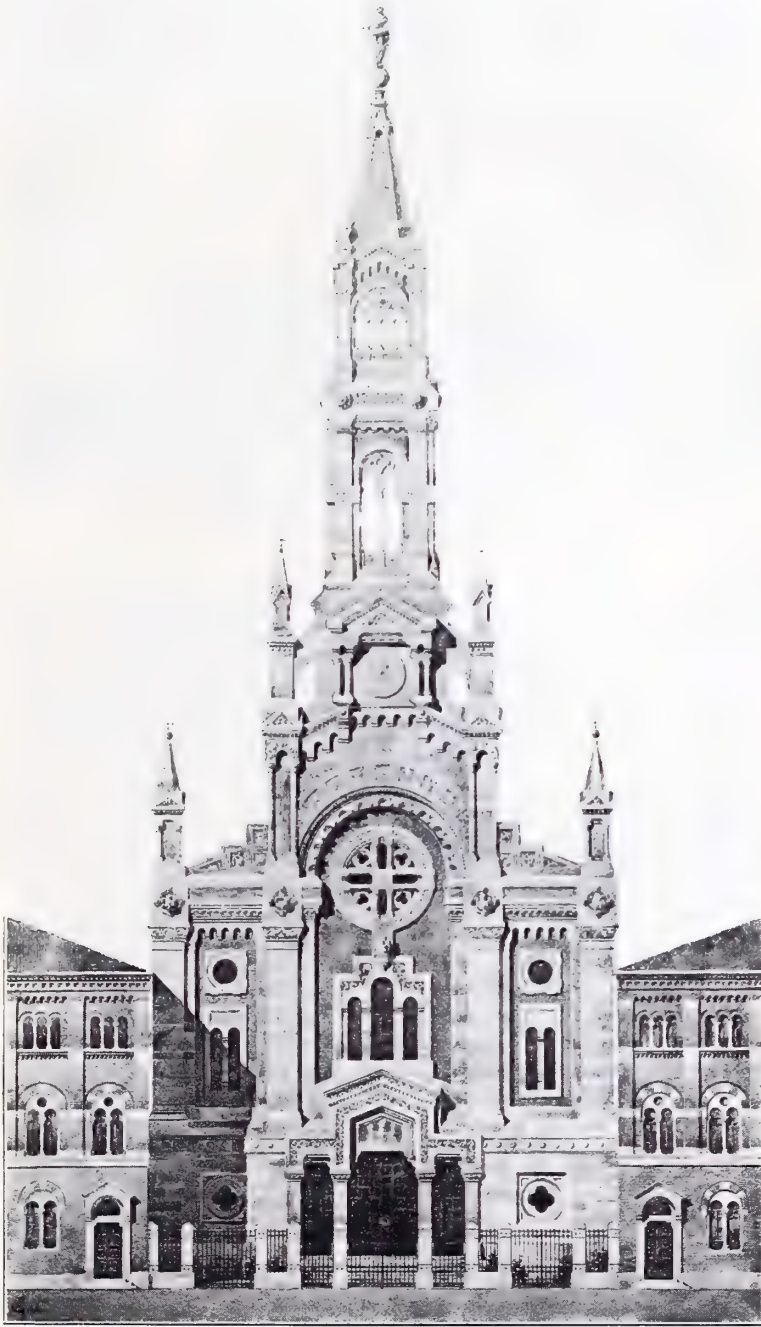


*Piazza Marino* LUCA BELTRAMI, Architect, Milan.





*Model of the New Façade for the Milan Cathedral, LUCA BELTRAMI, Architect, Milan.*



*Design for New Church of Santa Maria sul Naviglio, PROFESSOR GAETANO MORETTI, Architect, Milan.*





*Design for Commemorative Monument, R. D'ARONCO, Architect, Messina.*

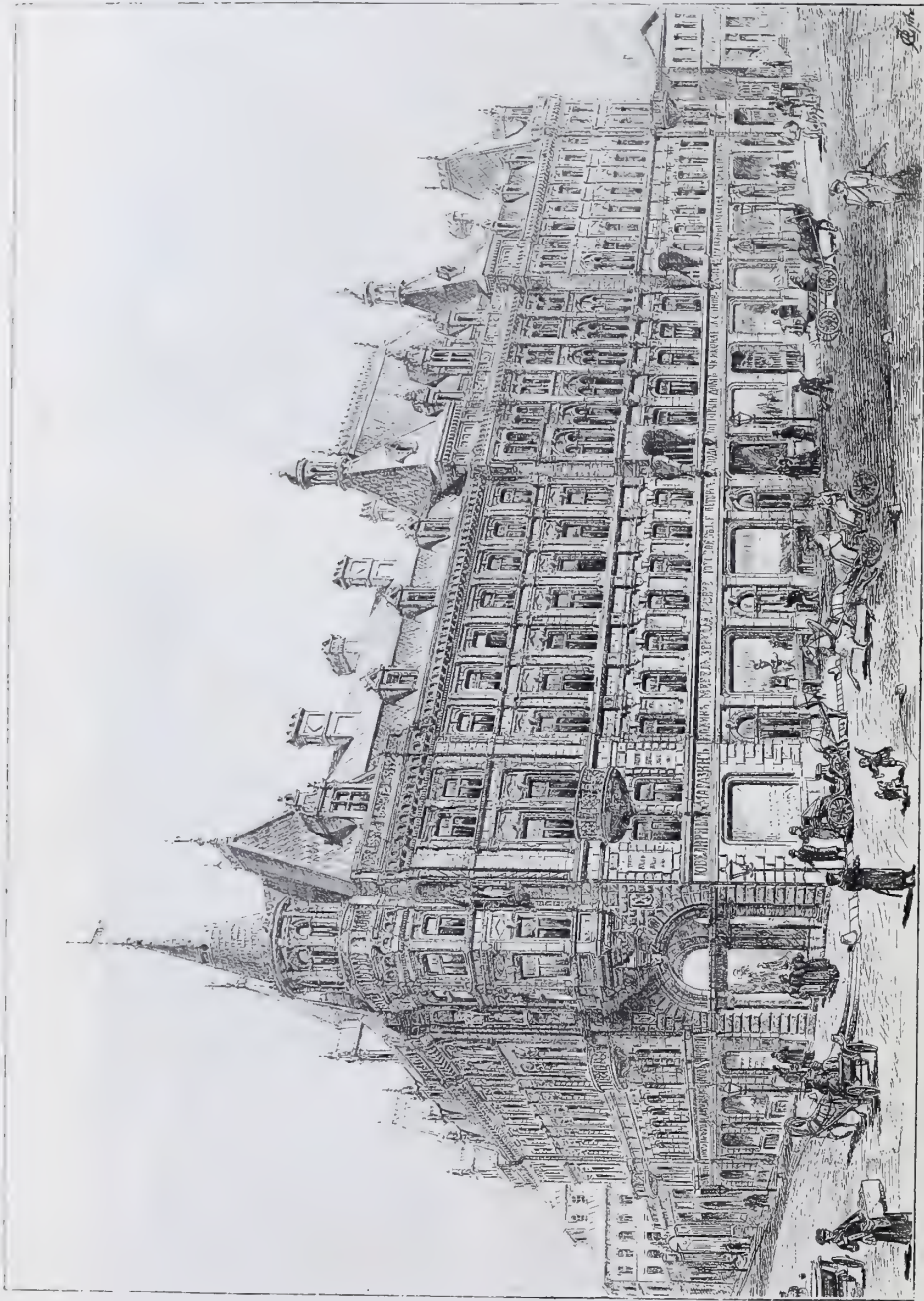


*Competitive Design for Monument in memory of the Soldiers who fell under the walls of Velletri in 1849, R. D'ARONCO, Architect, Messina.*



*Palazzo Massinio alla Ferme, Rome, C. PISTRUCCI, Architect, Rome.*





*Business Premises for General Tolmatschhoff, Moscow, B. FREUDENBERG, Architect, Moscow.*

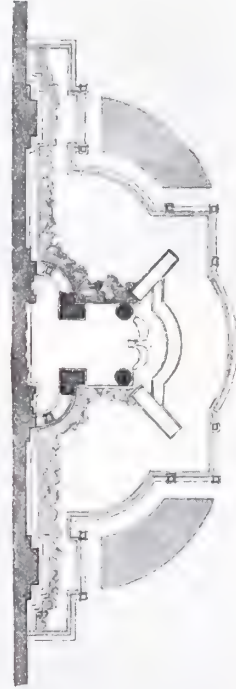
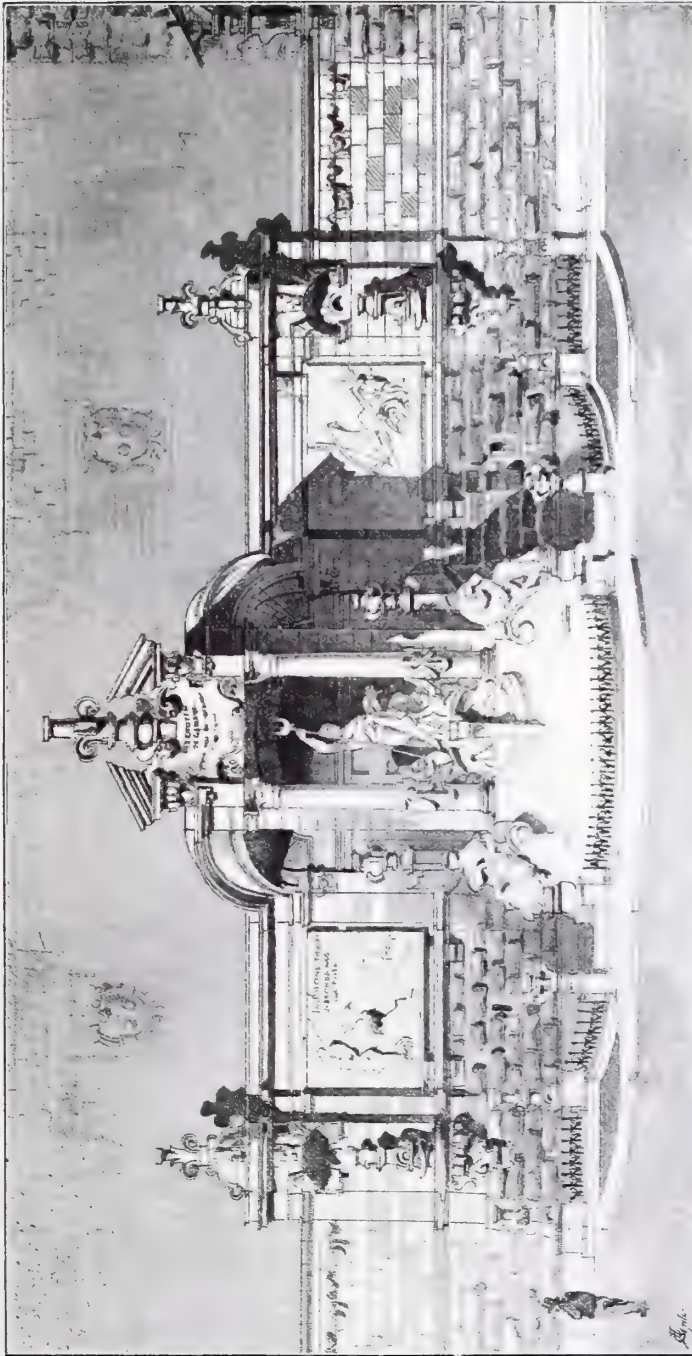


Private Museum and Library for M. Stehukine, Moscow, B. FREUDENBERG, Architect, Moscow.





*Design for a Restaurant on the Lake of Zurich, JACQ. GROS, Architect, Zurich. (For plan see p. 145.)*



*Competition Design for Decorative Fountain for la Place Neuve, Geneva, PAUL BOUVIER, Architect, Neuchâtel.*





*Chalet, Zürich, for Tobler-Blumer, Esq., JACQ. GROS, Architect, Zürich.*



*Frognerstatterskoven Park, Christiania, H. MUNTHE, Architect, Christiania.*



*Double House, 11 Victoriastrasse, Gothenburg, HEDLUND AND RASMUSSEN, Architects, Gothenburg.*

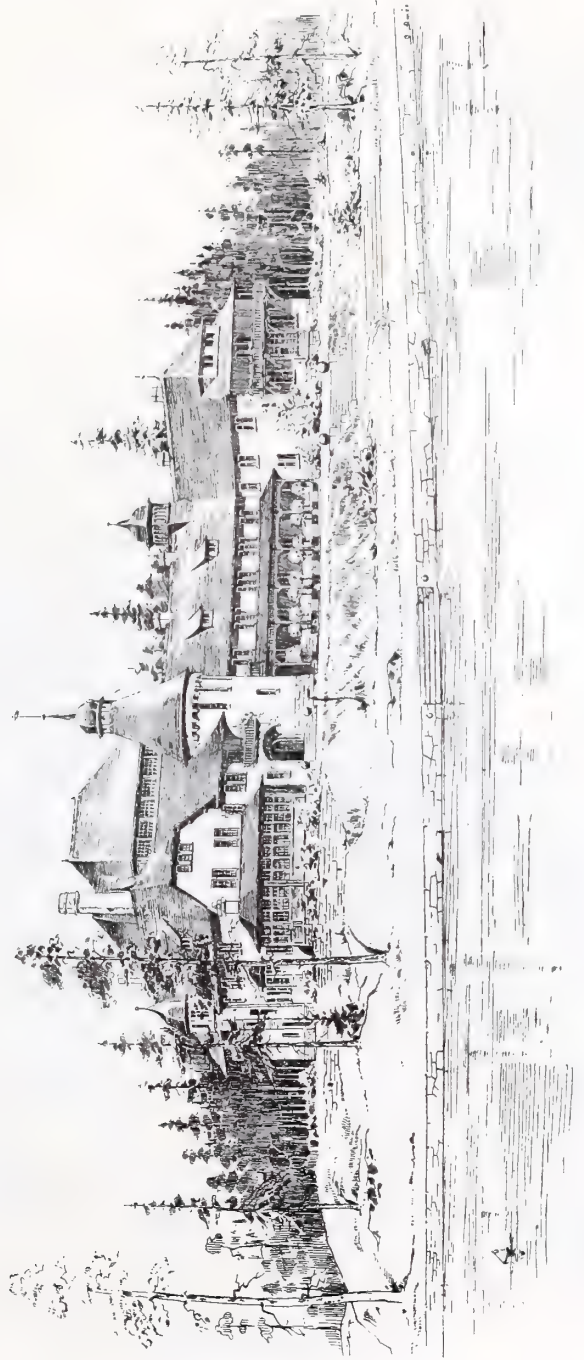


*Svea Fire and Life Insurance Company's Offices, Gothenburg, HEDLUND AND RASMUSSEN, Architects, Gothenburg.*





*Nordisches Museum, at Stockholm, J. G. CLASON, Architect, Stockholm.*



*Design for an Hotel at a Watering place near Stockholm, G. AMEN, Architect, Stockholm.*



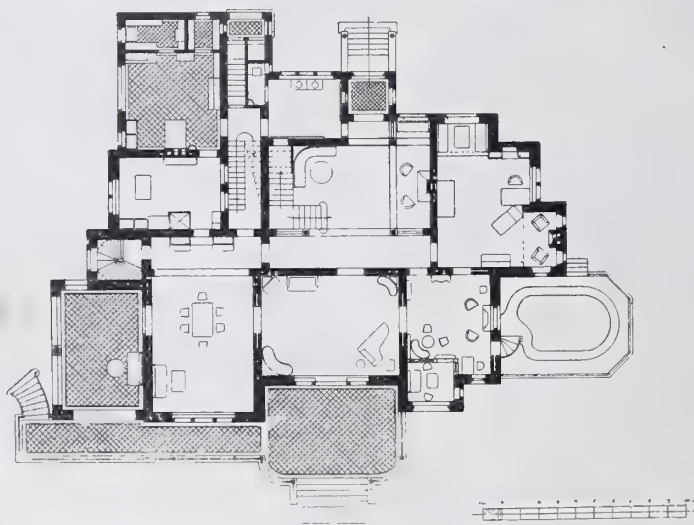


House at Småland, Sweden, ERIK LALLERSTEDT, Architect, Stockholm.

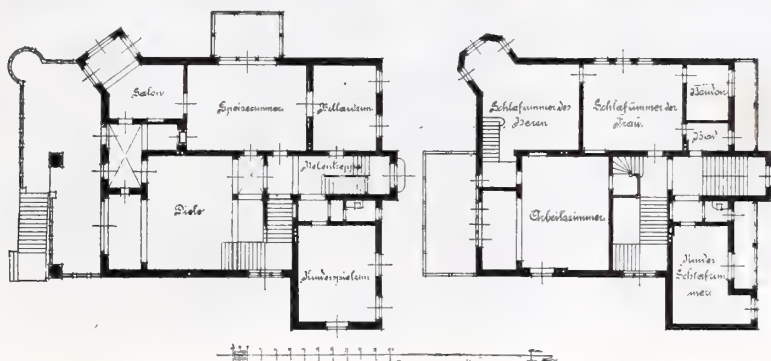


*Electrical and Water Works, for the Commune Loschwitz, Blasewitz, Weisser Hirsch, SCHILLING AND GRAEBNER, Architects, Dresden.*





*Villa at Radebeul, near Dresden, OTTO MARCH, Architect, Charlottenburg*

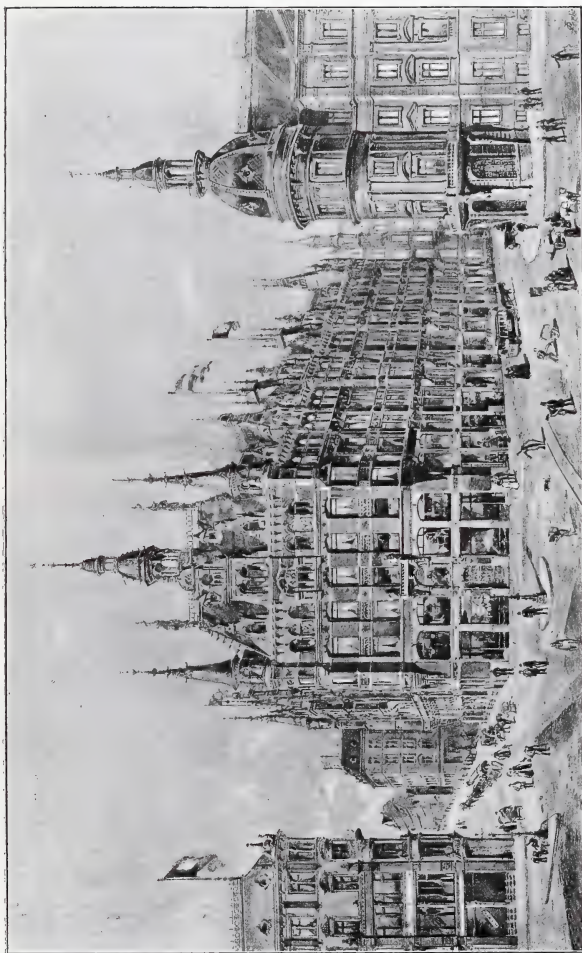


Villa Franz v. Schönthan, SCHILLING AND GRAEBNER, Architects, Dresden.





*Hall, Villa Franz v. Schönthan, SCHILLING AND GRAEBNER, Architects, Dresden.*



*Business Premises for Herrn Paul F. Fuache, Hamburg, H. FITTSCHEN, Architect, Hamburg.*





*Villa Kayser, Neubabelsberg, KAYSER AND VON GROSZHEIM, Architects, Berlin. (For plan see p. 145.)*



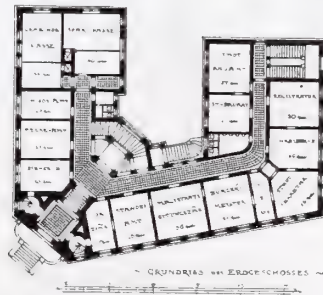
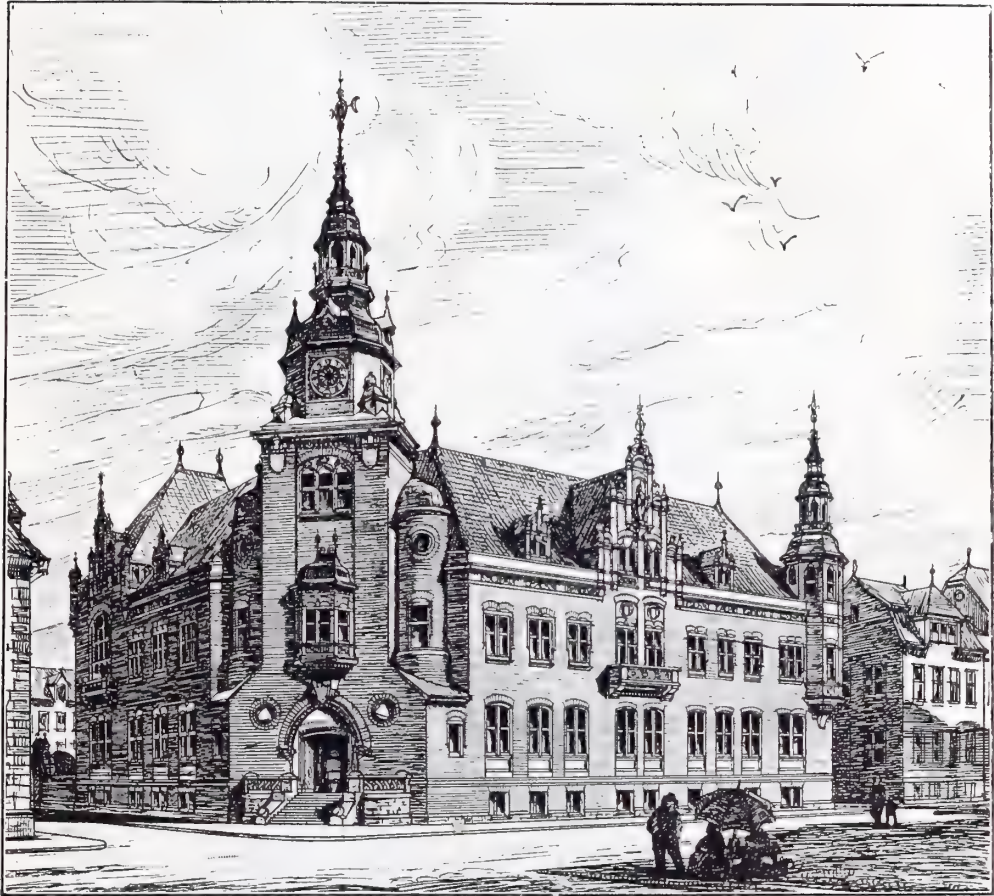
*Villa Ebeling at Wannsee, Berlin, ERDMANN AND SPINDLER,  
Architects, Berlin. (For plans see p. 145.)*



*31a Arcis-Strasse, Munich, KAYSER AND VON GROSZHEIM,  
Architects, Berlin. (For plan see p. 145.)*







Second premiated design for Town Hall for Geestemünde, PAUL, PFANN, Architect, Tech. Hochschule, Munich.





*Luitpolds-Kron*, PROFESSOR G. HAUBERRISSEK, Architect, Munich.



*Sketch for a Town Hall, OTTO RIETH, Architect, Berlin.*





*Bauw.* Premises in Dresden, SPALDING AND GRENANDER, Architects, Berlin.





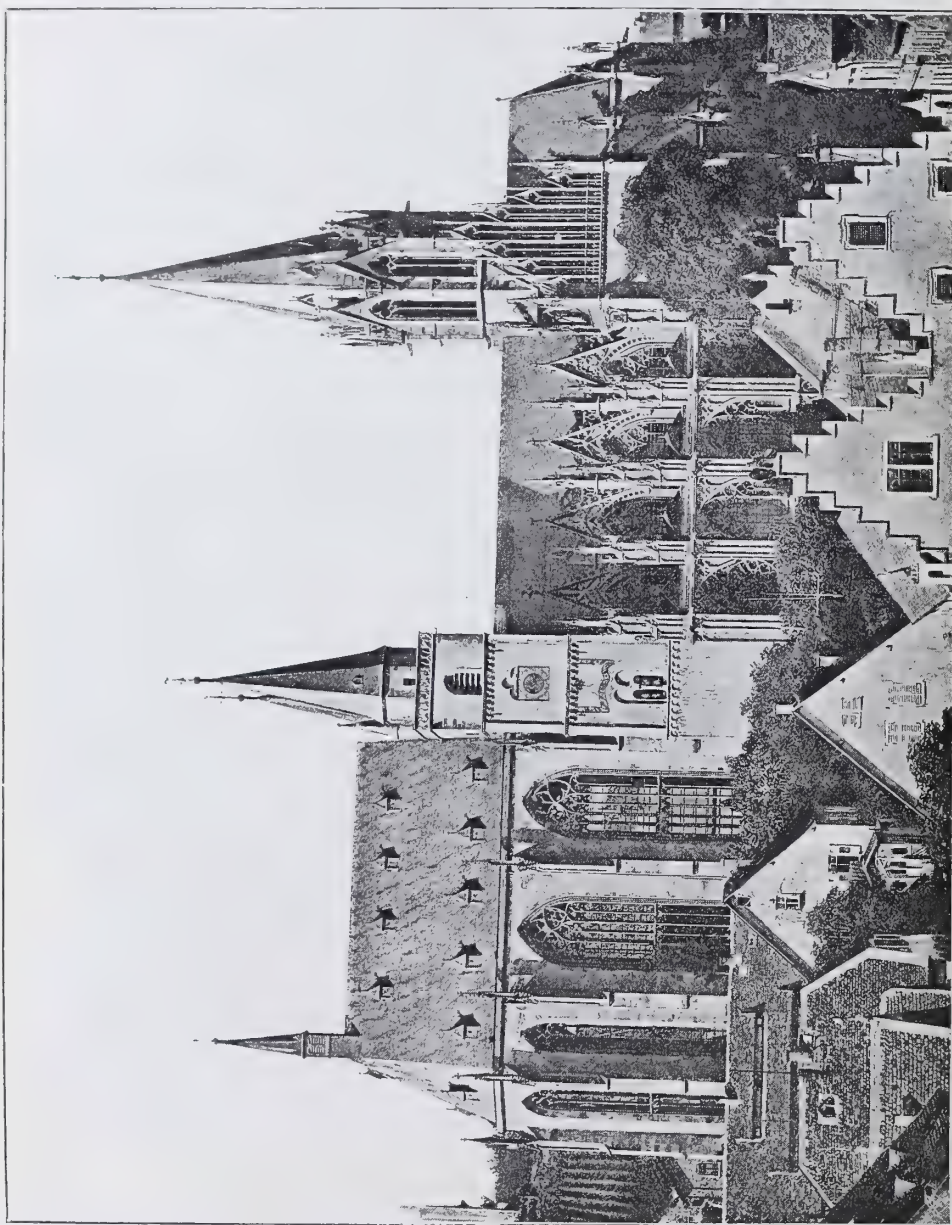


*Roccoco Staircase, PROFESSOR FRZ. BROCHIES, Architect, Nürnberg.*

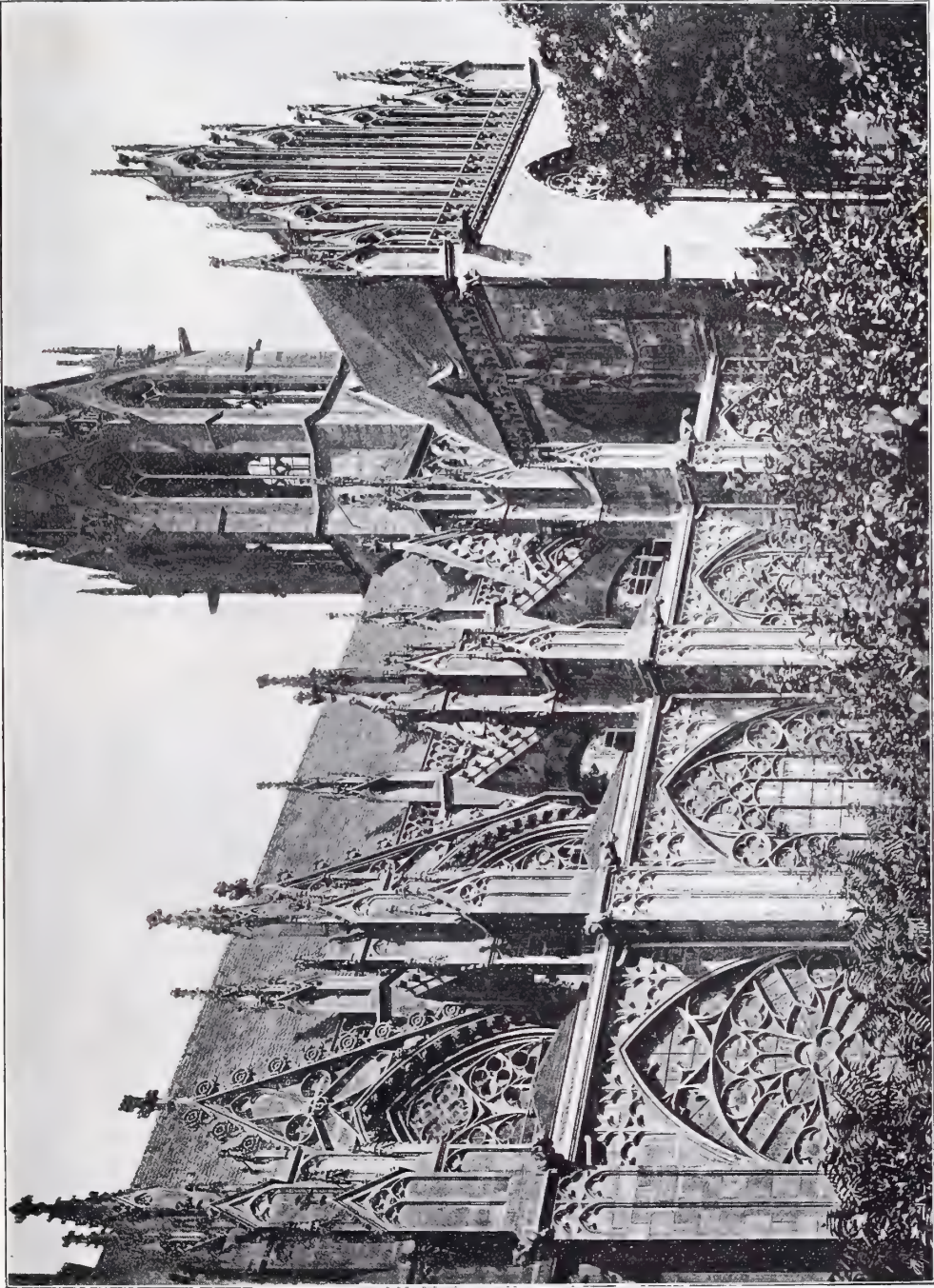


*Hall in a Hunting Castle, PROFESSOR FRZ. BROCHIES, Architect, Nürnberg.*





*St. Catherine's Church, Opatowitz, as restored, South View, Professor HEINRICH FREIHERR VON SCHMIDT, Architect, Munich.*

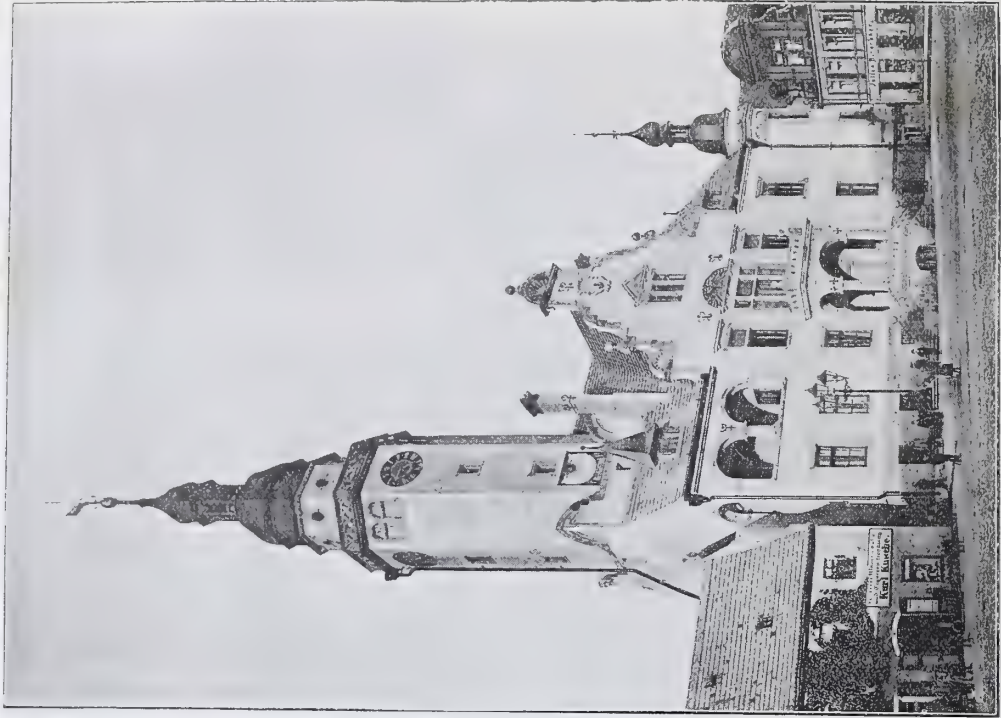


*St. Catherine's Church, Oppenheim, as restored, Professor HEINRICH FREIHERR VON SCHMIDT, Architect, Munich.*

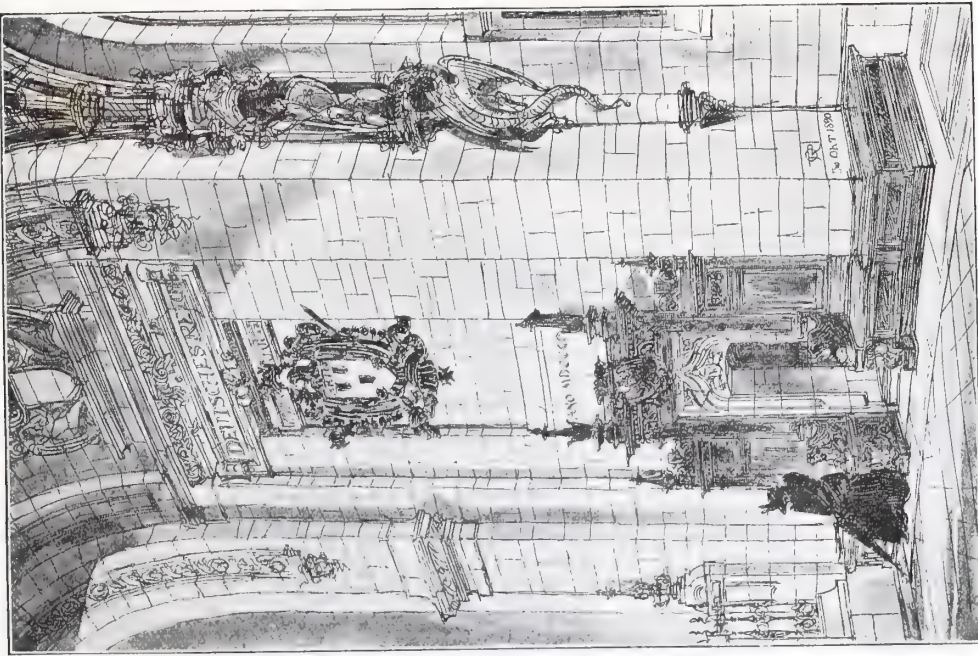




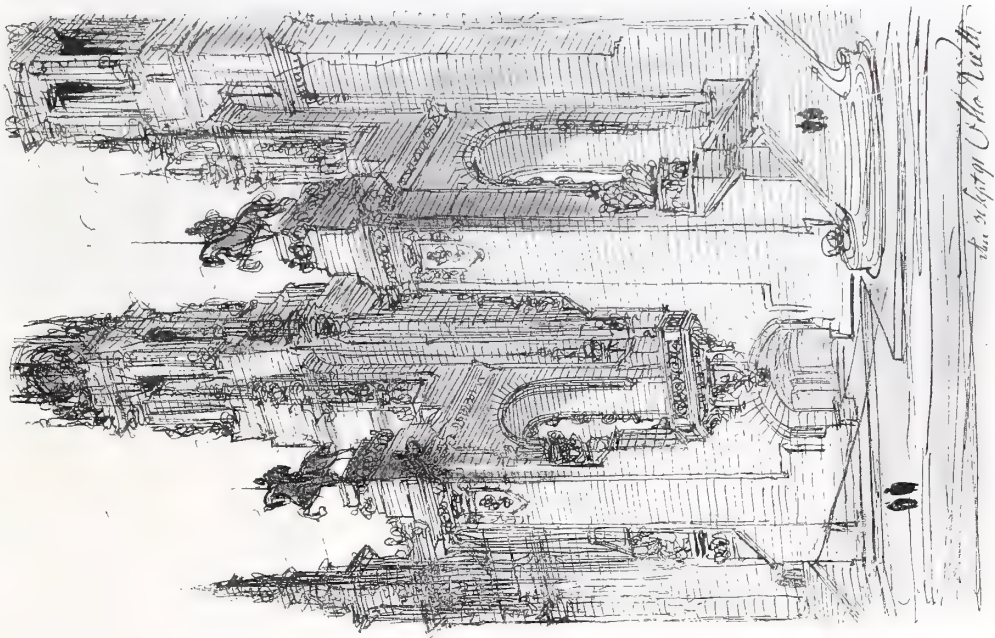
*Church at Radebeul, near Dresden, SCHILLING AND GRAEBNER,  
Architects, Dresden. (For plan see p. 145.)*



*Rathhaus Münsterberg, Schlesien, C. MÜHLKE AND O. POETSCH,  
Architects, Berlin.*



Sketches by OTTO RIETH, Architect, Berlin.







*Business Premises of the Disconto Gesellschaft, Berlin, ENDE AND BOECKMANN, Architects, Berlin.*

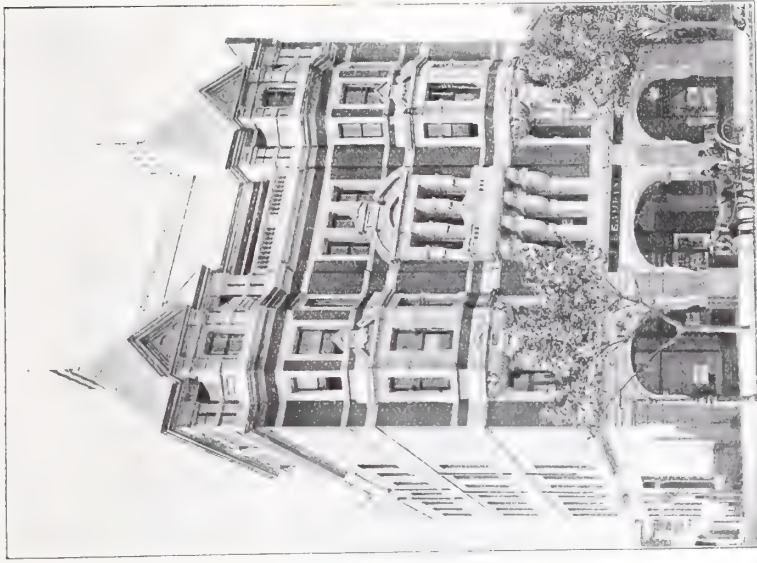


*Competition Design for the Budapest Premises of the New York Life Assurance Company, SIGMUND QUITTNER, Architect,  
Budapest.*

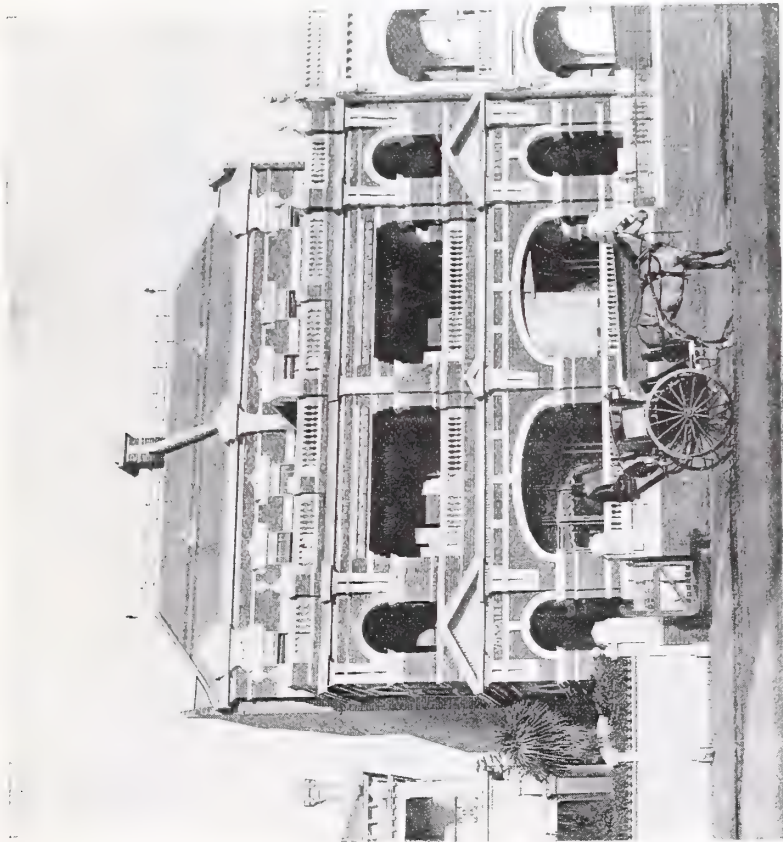




*Savings Bank, Lemberg, Professor Julian Ritter von Zacharicwicz, Architect, Lemberg*



*City Buildings, Collins Street, Melbourne.*



*Two Suburban Houses, St. Kilda, Melbourne.*

NAHUM BARNET, Architect, Melbourne.





JOHN CALVIN STEVENS, ARCHT.  
PORTLAND, MAINE

"The Metallak" on Lombard's Hill, Colebrook, N.H., JOHN CALVIN STEVENS, Architect, Portland, Maine, U.S.A.

COUNTRY RESIDENCE FOR  
WILLSON B. CHISHOLM ESQ.  
C. F. SCHWEINFURTH ARCHT.  
CLEVELAND, O.



*Country Residence for Willson B. Chisholm, Esq., C. F. Schweinfurth, Architect, Cleveland, Ohio, U.S.A.*





*New Hotel, Detroit, for the Estate of E. A. Brush, DONALDSON AND MEIER, Architects, Detroit, Michigan, U.S.A.*



*West Front of Temple Beth El, New York City, BRUNNER AND TRYON, Architects, New York, U. S. A.*

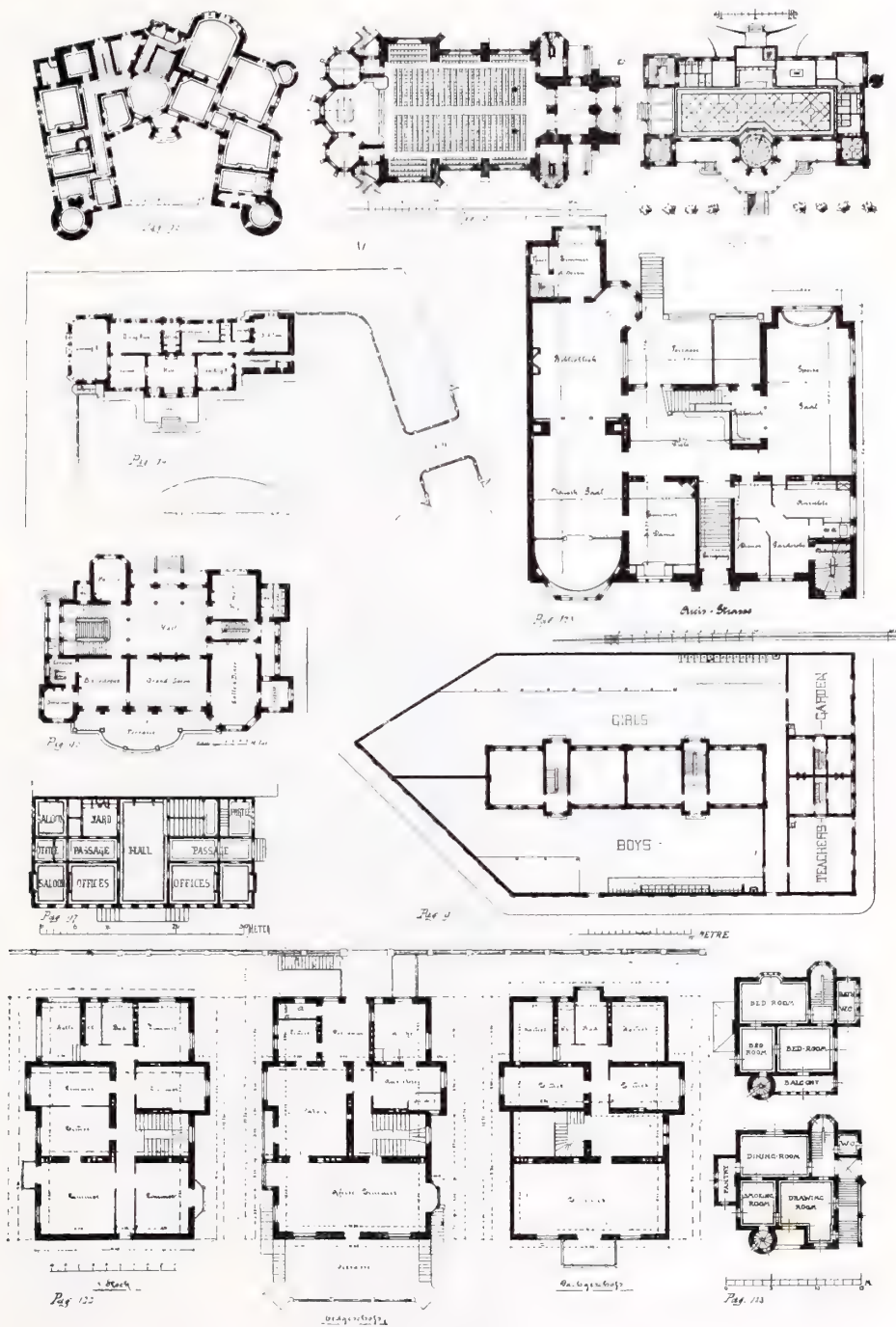




Sketch for proposed Cleveland Art School, C. F. SCHWEINFURTH, Architect, Cleveland, Ohio, U.S.A.

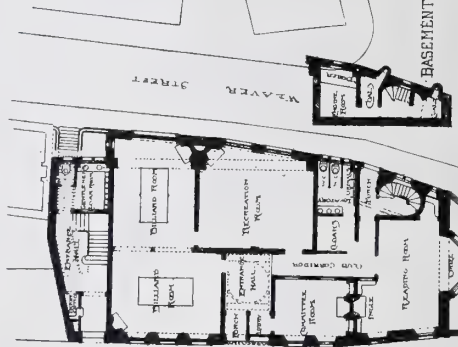
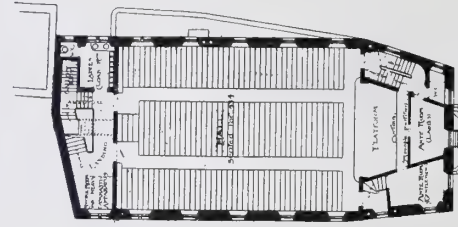
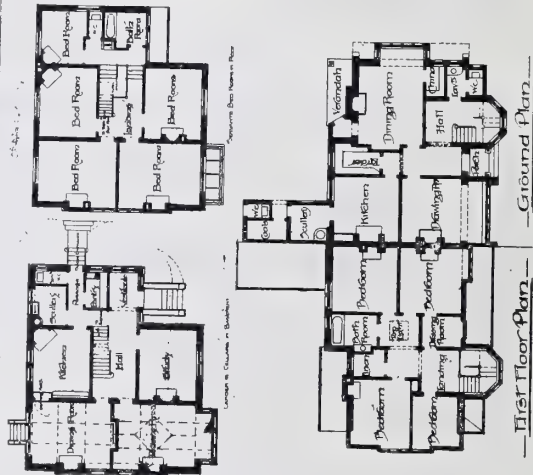
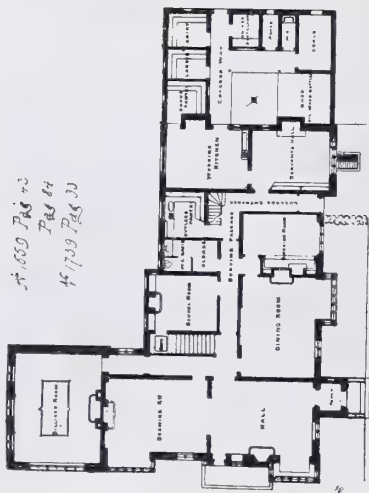


Residence for G. W. Stockley, Esq., Lakewood, N. J., C. F. SCHWEINFURTH, Architect, Cleveland, Ohio, U.S.A.



PLANS.—For Elevations see pages given above.





PLAN OF SECOND FLOOR

PLAN OF FIRST FLOOR

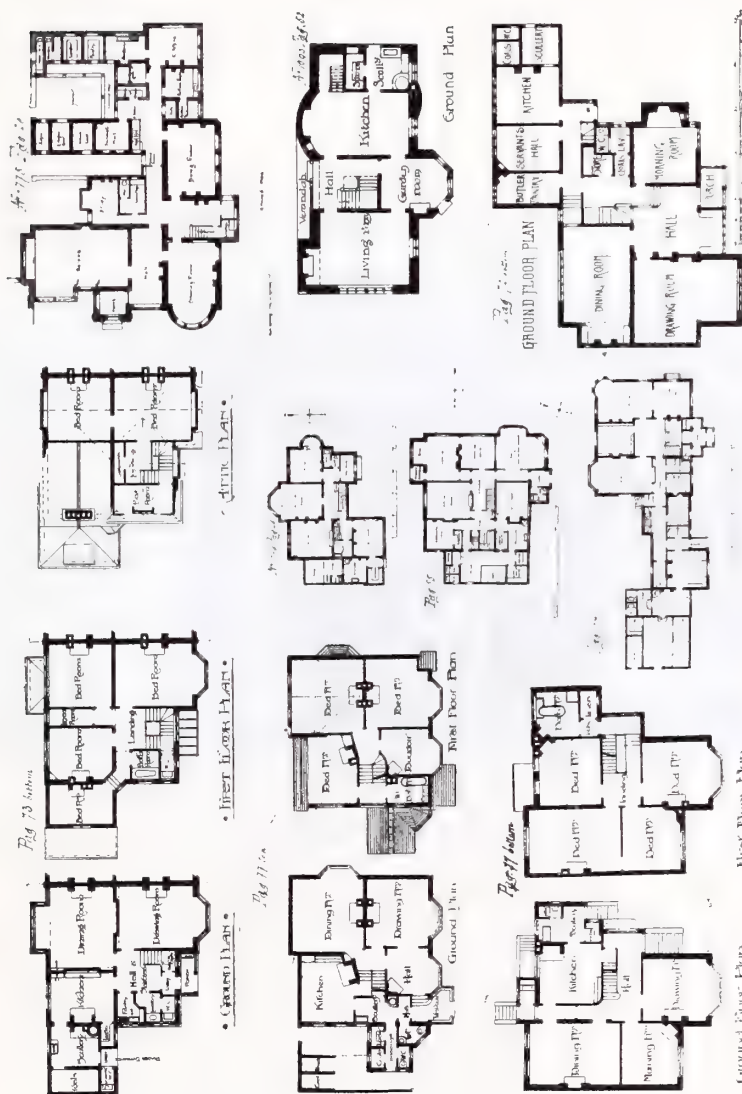
PLAN OF GROUND FLOOR

Ground Plan

First Floor Plan

PLANS.—For Elevations see pages given above.

NOTE.—For p. 84, as above, read p. 63.



PLANS.—For Elevations see pages given above.

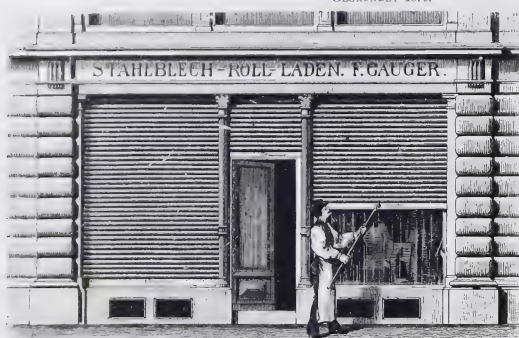
NOTE.—For p. 52, as above, read p. 25.



---

# FRITZ GAUGER, Zürich, CONSTRUCTIONS-WERKSTÄTTE.

GEGRÜNDET 1870.



Ausarbeitung von Projecten.

SPECIALITÄT: *Rollläden aus gewelltem Stahlblech* für Schaufenster, Lagerhäuser, Wagen- und Locomotiv Remisen, &c.

---

Eisen-Hochbau.

Eiserne Treppen, Thore,  
Wände, Decken.

Eiserne Schaufenster-  
rahmen in neuesten  
Profilen.

Deckel für Terrassenaus-  
gänge. Aufzüge für  
Hand- und Kraftbe-  
trieb.

**Wellblech-Walzwerk.**

Wellbleche für Träger  
und Verdachungen.

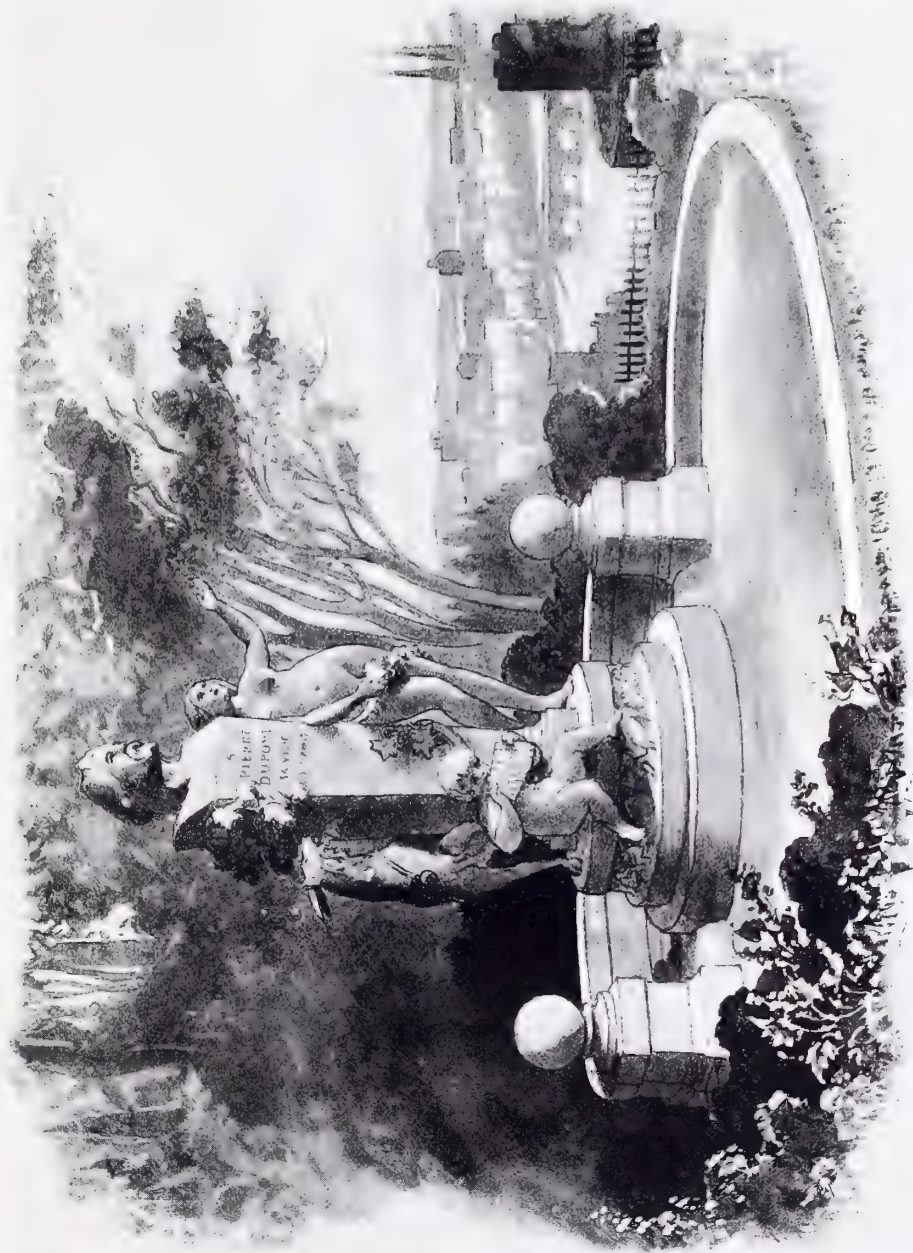
## SCULPTURES, 1892



*"Alsace and Lorraine,"* FRÉDÉRIC AUGUSTE BARTHOLDI, Sculptor, Paris.







Monument to Pierre Dupont, "Pro sylvano saltant amplexi et musici cuncti," Gd. ANDRÉ, Architect, Lyons.





2002. *Shelley Memorial (Royal Academy)*, E. ONSLOW FORD, A.R.A., Sculptor.

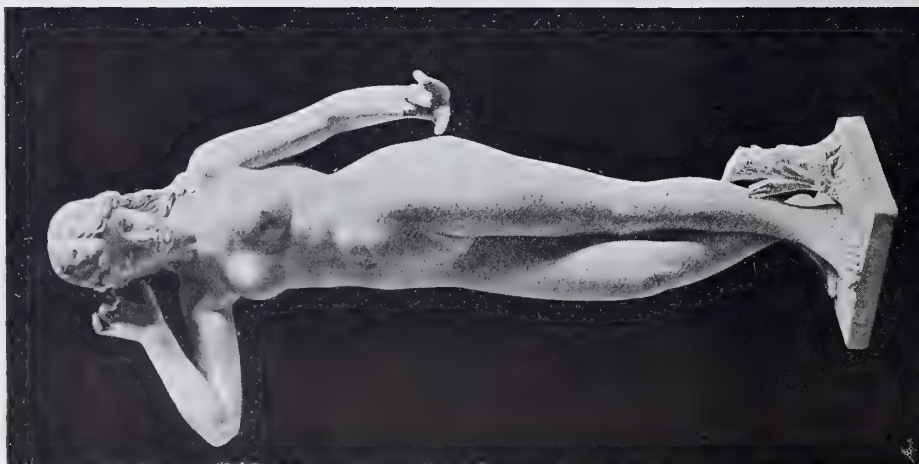


*Nourrice (Paris Salon), E. CHATROUSSE, Sculptor, Paris.*

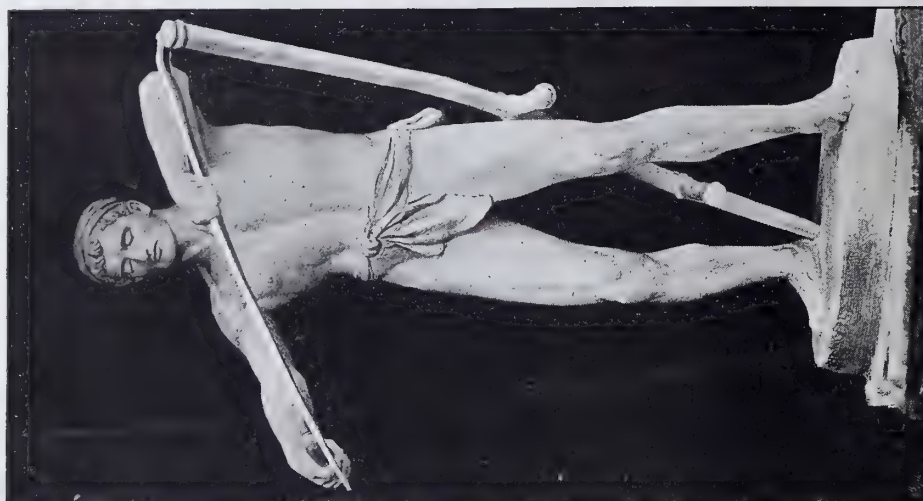


1854. *Harmony-Statue (Royal Academy), ALFRED DRURY, Sculptor.*

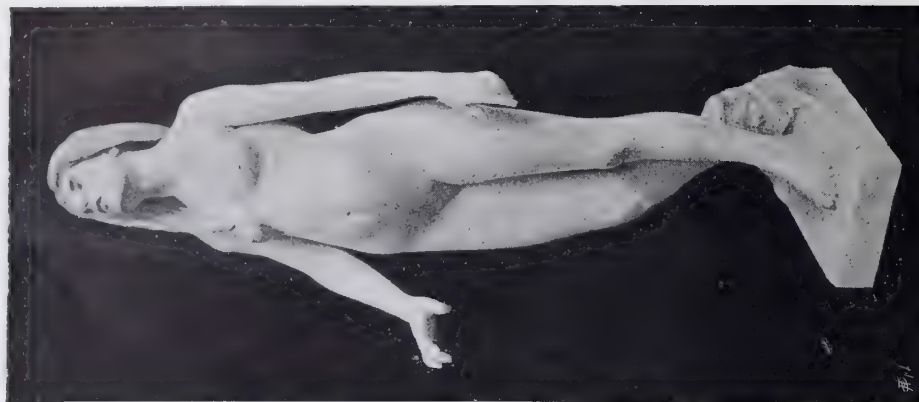




"Echo," A. BOESCH, Sculptor, Zürich (Museum of St. Gall).



A Scytheman, E. ROSCOE MULLINS, Sculptor.



2007. Fate-led: "She must needs go on and on blindly, yet fearing not"—Marble Statue (Royal Academy), ALBERT TOFT, Sculptor.



*Lord Elgin and Kincardine, K. T. P. C., Governor of Canada A.D. 1848 (Paris Salon), PHILIPPE HEBERT, Sculptor, Paris.*

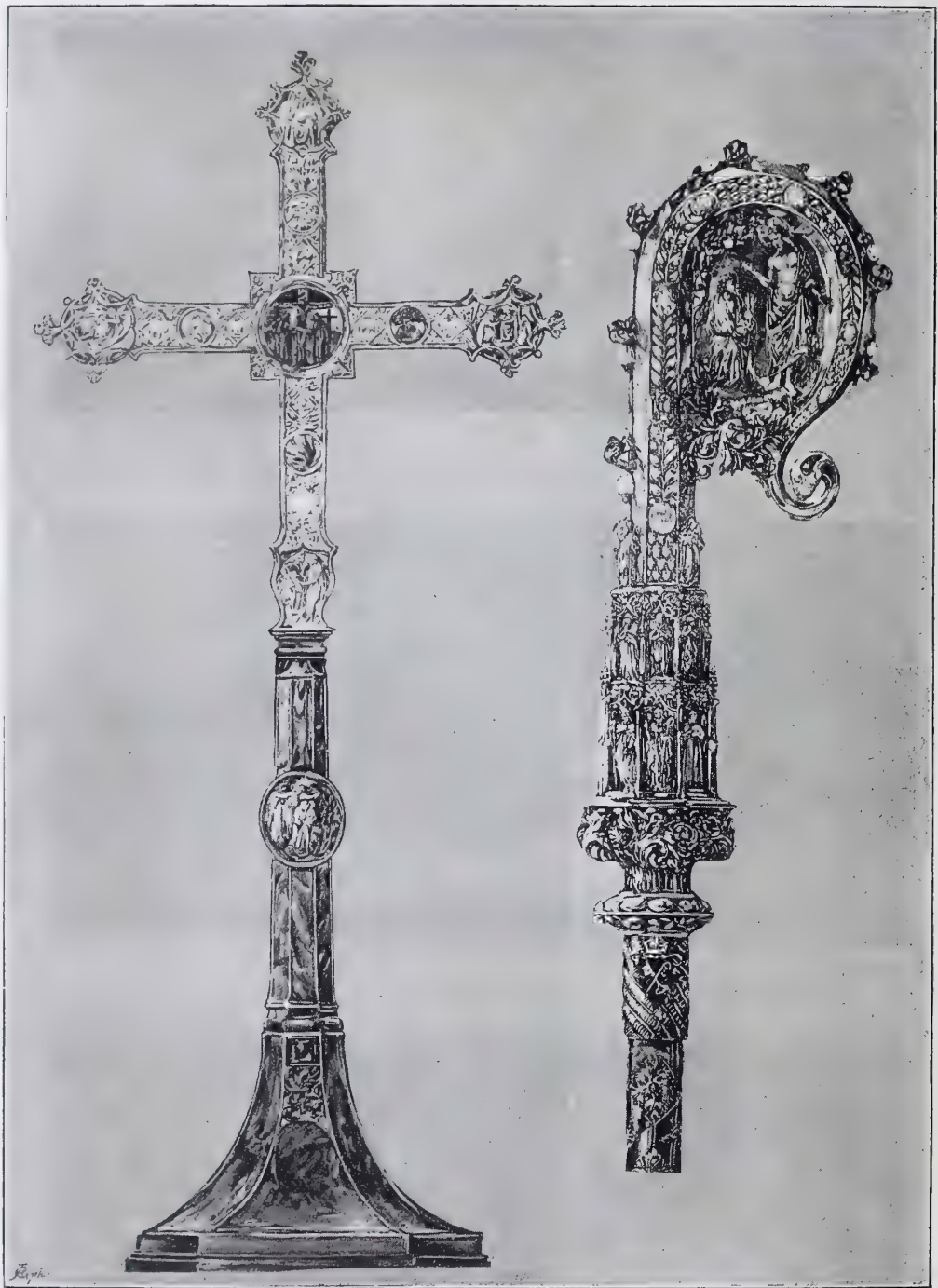


*"L'Architecture": Statue ordered by the French Government for the Decoration of the Louvre (Paris Salon), A. CROISY, Sculptor, Paris.*



*Frontenac, Governor of Canada A.D. 1690 (Paris Salon), PHILIPPE HEBERT, Sculptor, Paris.*

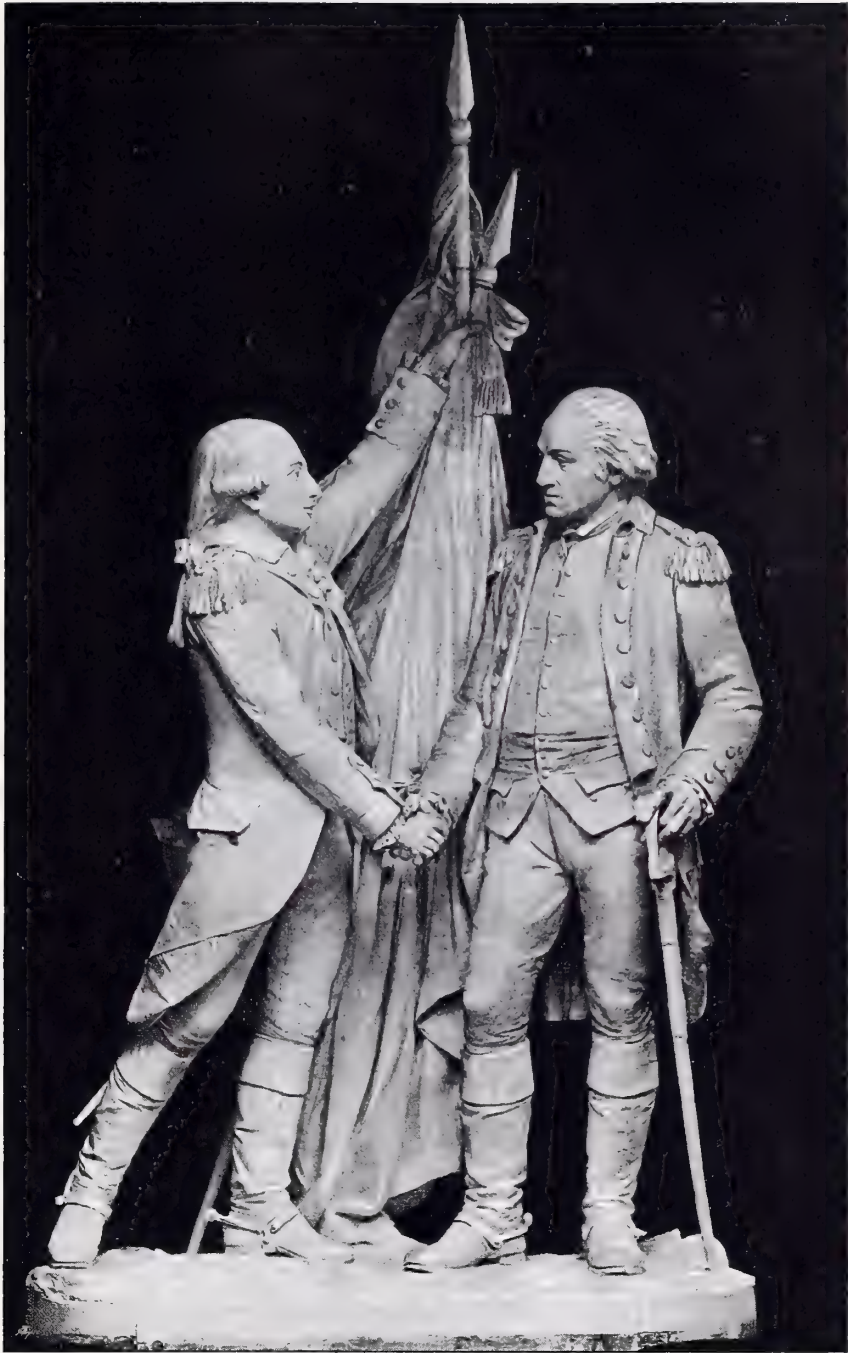




## ROYAL ACADEMY.

1698. *Altar Cross for Private Chapel, Welbeck Abbey*, H. WILSON, Architect.

1771. *Pastoral Staff for the Bishop of St. Asaph*, designed by the late JOHN D. SEDDING, drawn by H. WILSON, Architect.



*Washington and Lafayette (Paris Salon), FRÉDÉRIC AUGUSTE BARTHOLDI, Sculptor, Paris.*





*Lolotte (Paris Salon), A. CROISY, Sculptor, Paris.*



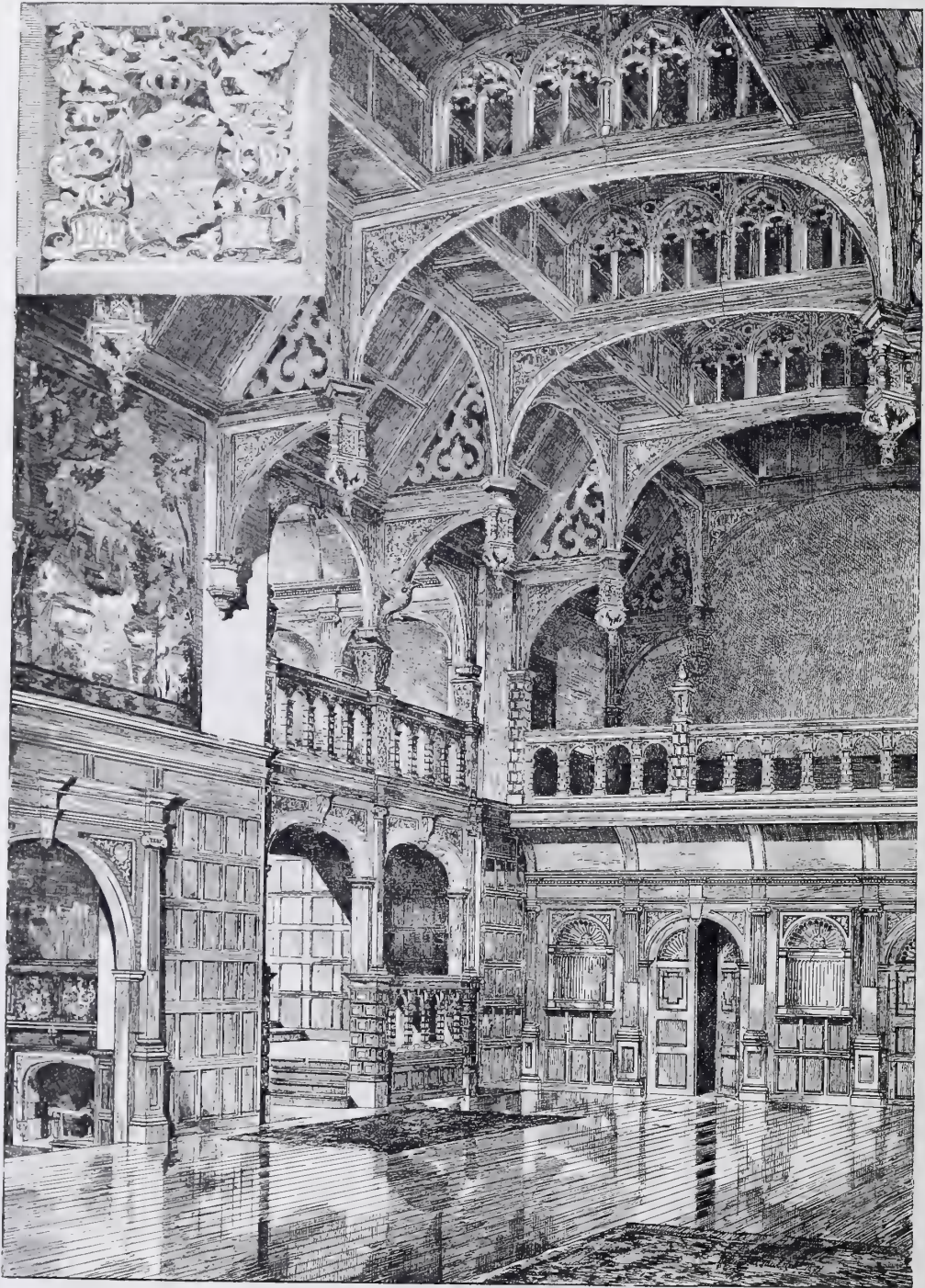
1893. *War—Relief (Royal Academy), FRED. E. E. SCHENCK, Sculptor*

## II. SUPPLEMENT TO ACADEMY ARCHITECTURE, 1891.



1878. *Design for Altar Piece*, THOMAS COWLISHAW, Architect.

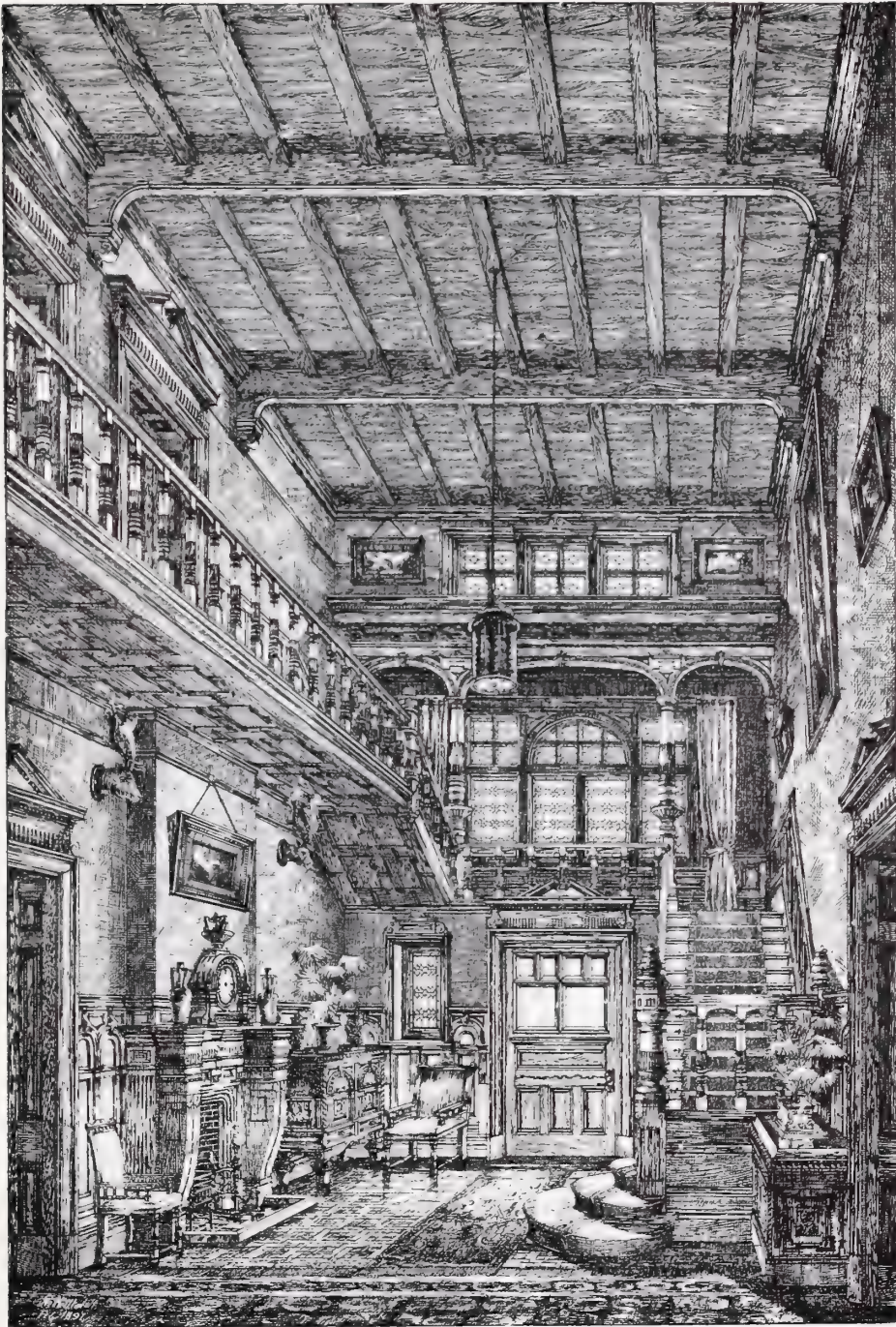




1790. *Interior of the Great Hall, Rhinefield, Hampshire, ROMAINE-WALKER AND TANNER, Architects.*

**Heating**—John Grundy, 30 Duncan Terrace, City Road, London, N.





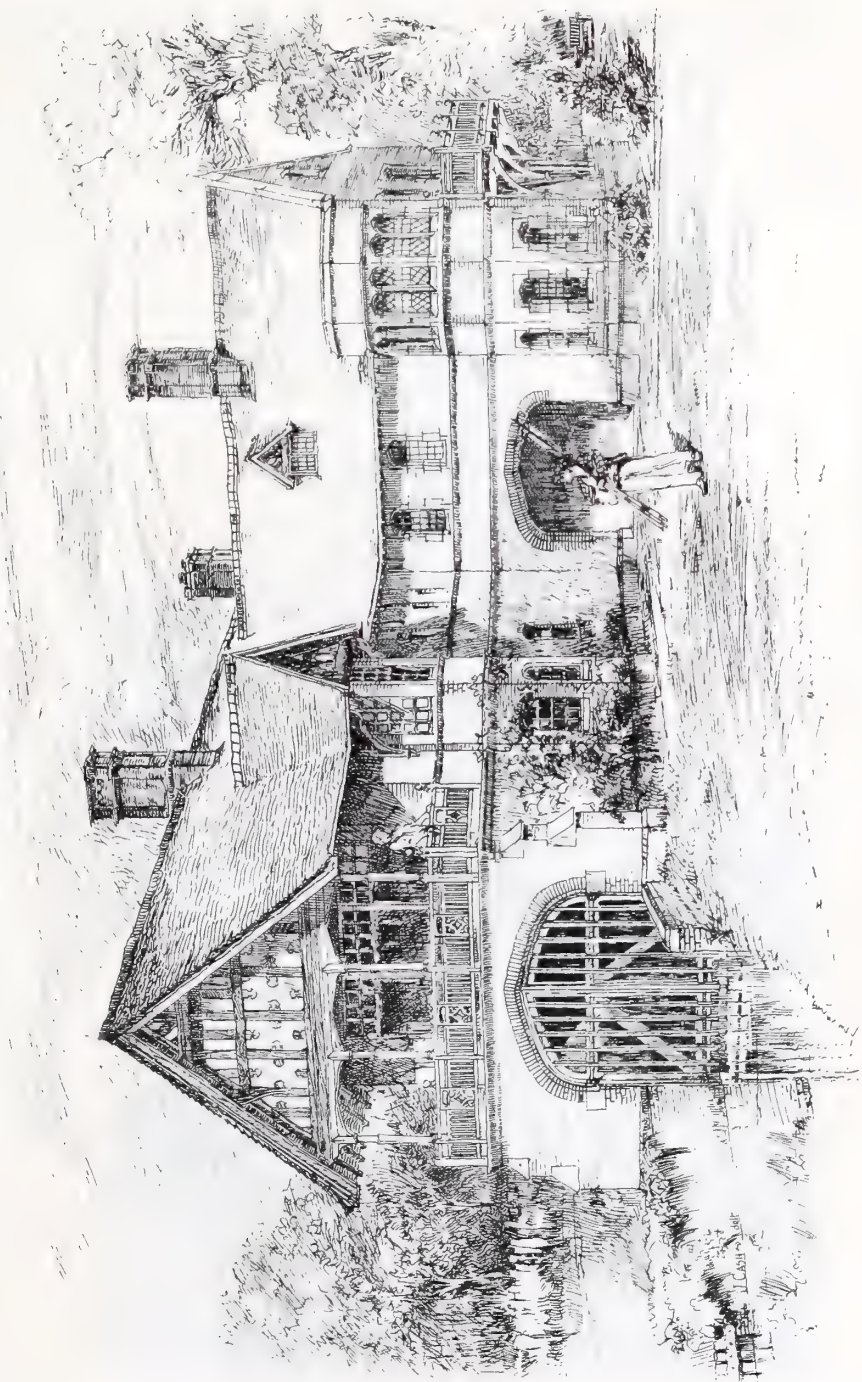
1938. *Entrance Hall, The Lodge, near Newmarket*, HESKETH AND STOKES, Architects.

**Electric Lighting**—Rashleigh, Phipps, & Dawson, 53 Berners Street, London, W. **Heating**—John Grundy, 30 Duncan Terrace, City Road, London, N.





1856. Additions to Uplands, Heathfield, Sussex, for G. W. Osborn, Esq., ROGER SMITH, SON AND GALE, Architects.



1924. *Boathouse, Maidenhead Court, R. SELDEN WORNUM, F.R.I.B.A., Architect.*

General Contractors—J. Kinnimont & Sons, 26 Chilworth Street, Gloucester Terrace, London, W.





1821. *St. Mary's, Stoke Newington, Tower and Spire*, J. OLDRID SCOTT, F.R.I.B.A., Architect.

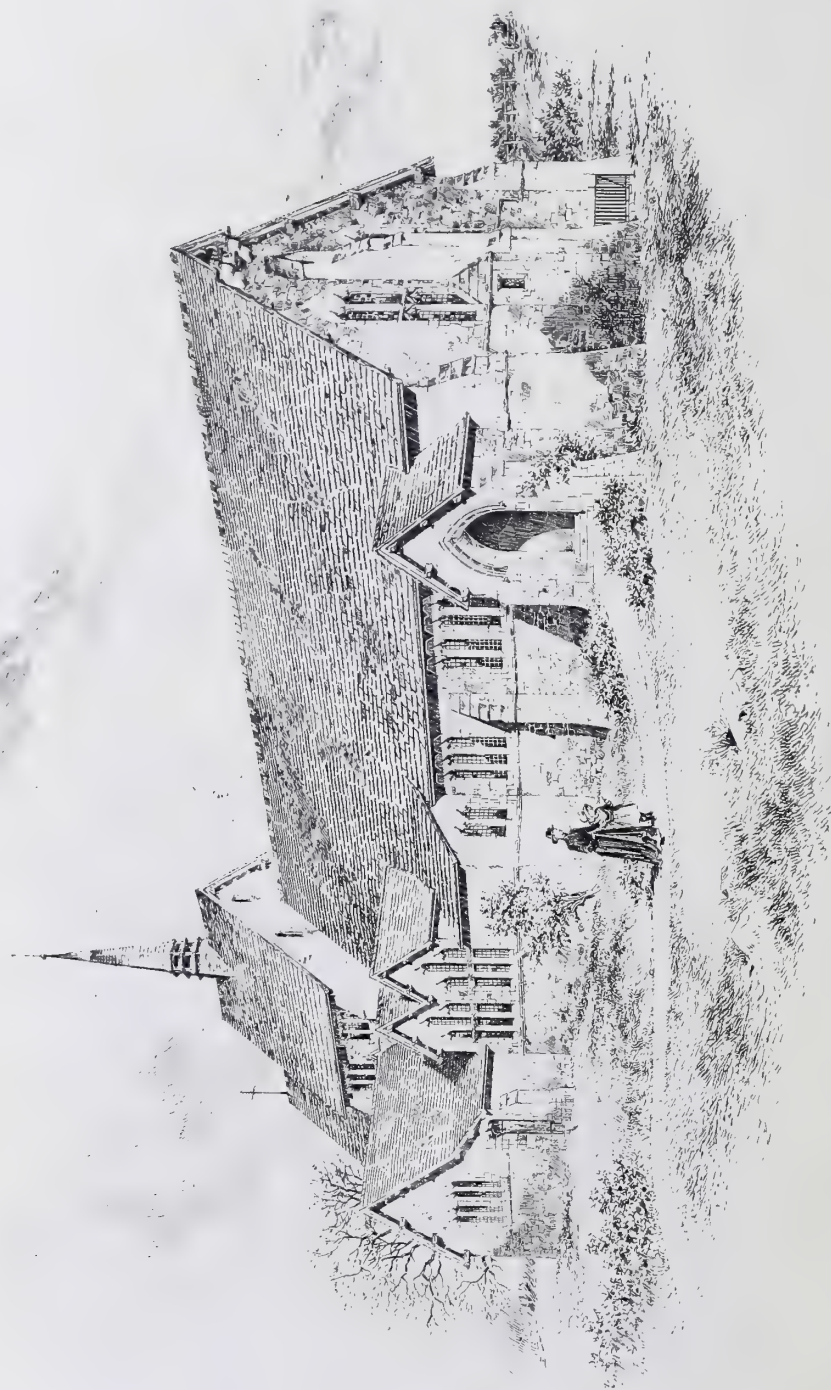
Heating—John Grundy, 30 Duncan Terrace, City Road, London, N.



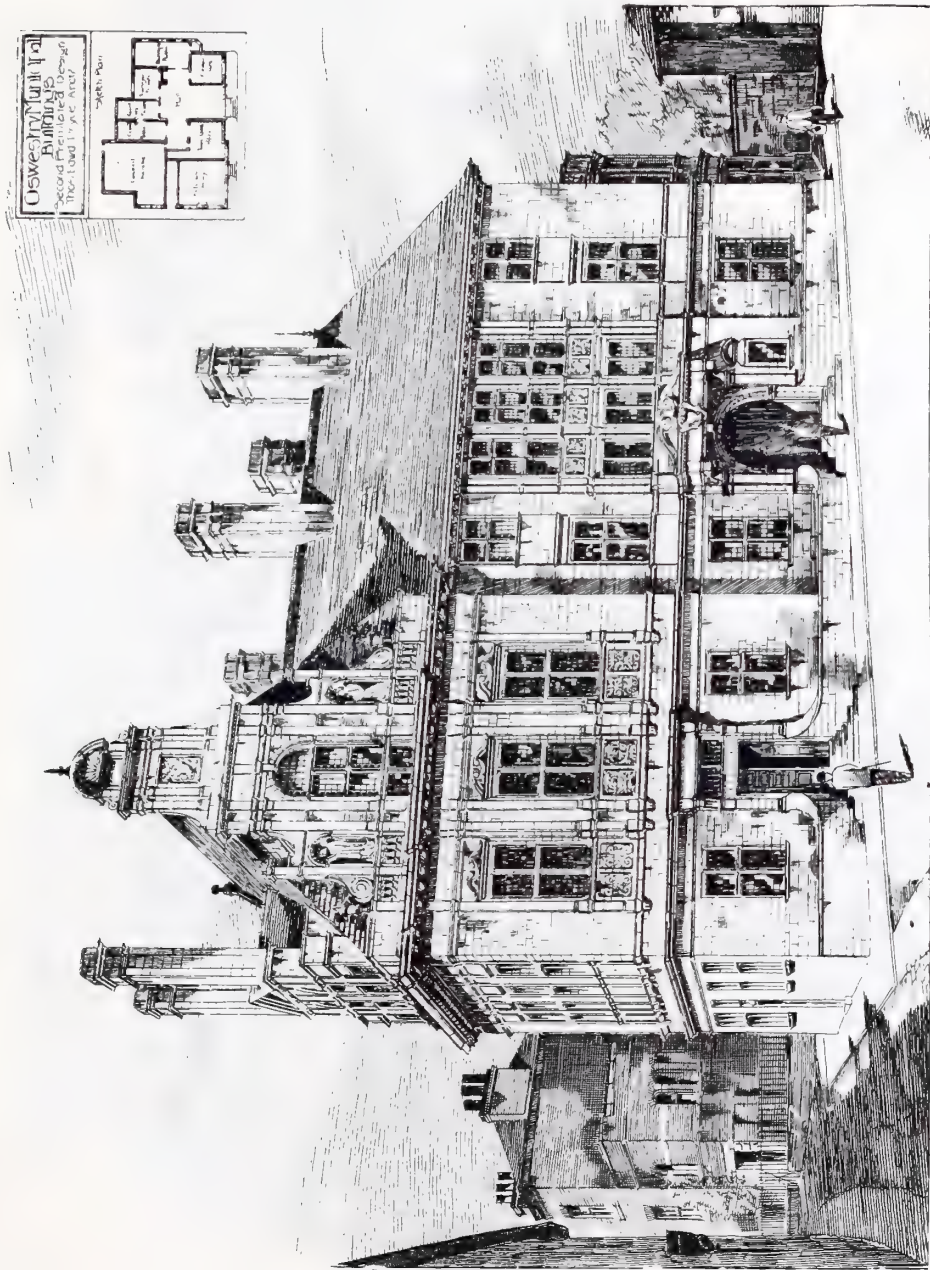
1755. *Tower of the University Buildings at Glasgow, J. OLDRID SCOTT, F.R.I.B.A., Architect.*

General Contractor—John Thompson, Peterborough.



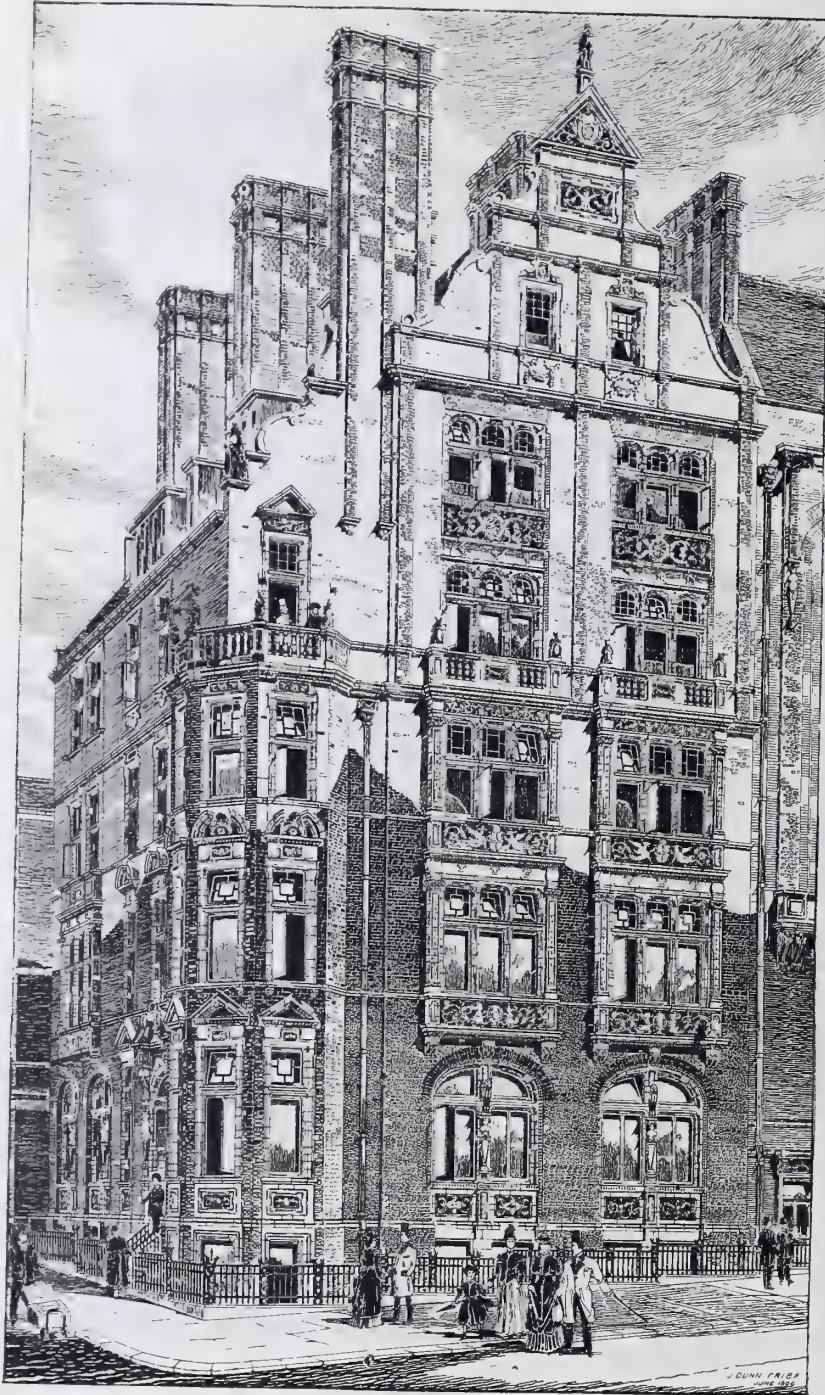


1905. *Design for New Church, Heap Bridge, Preston and Vaughan, Architects.*



1762. Oswestry Municipal Buildings (2nd premiated design), THOMAS E. PRYCE, A.R.I.B.A., Architect.





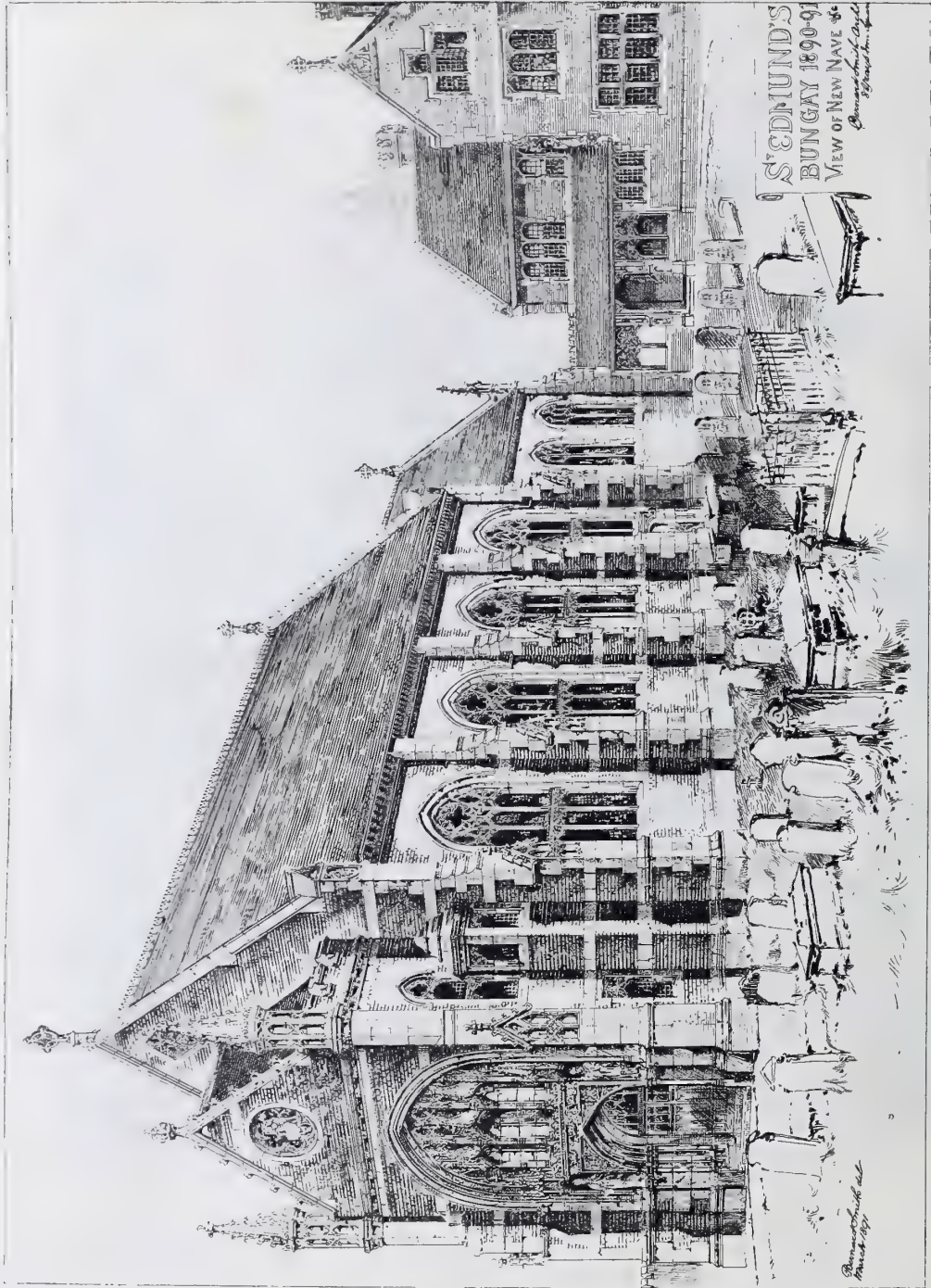
1788. *New Library, Howard Street, Strand, W.C., for Messrs. W. H. Smith & Son, JOHN DUNN, F.R.I.B.A., Architect.*



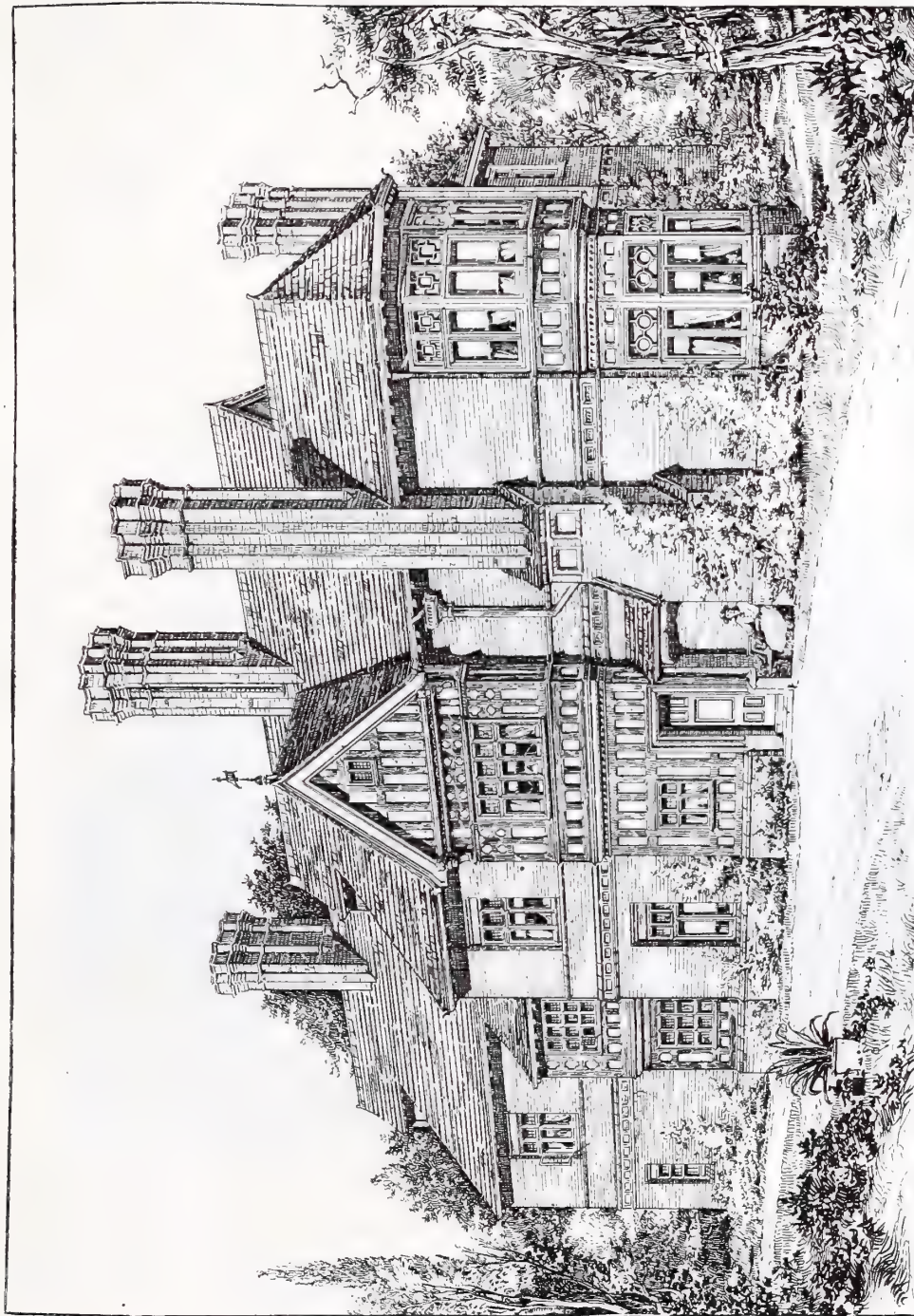


1876. *The New Library, Uppingham School*, THOMAS G. JACKSON, A.R.A., Architect.





1860. View of New Nave, &c., St. Edmund's, Bungay, BERNARD SMITH, Architect.



1892. *Residence, Kennal Wood, Kent, WILLIAM J. BUXTON, A.R.I.B.A., Architect.*





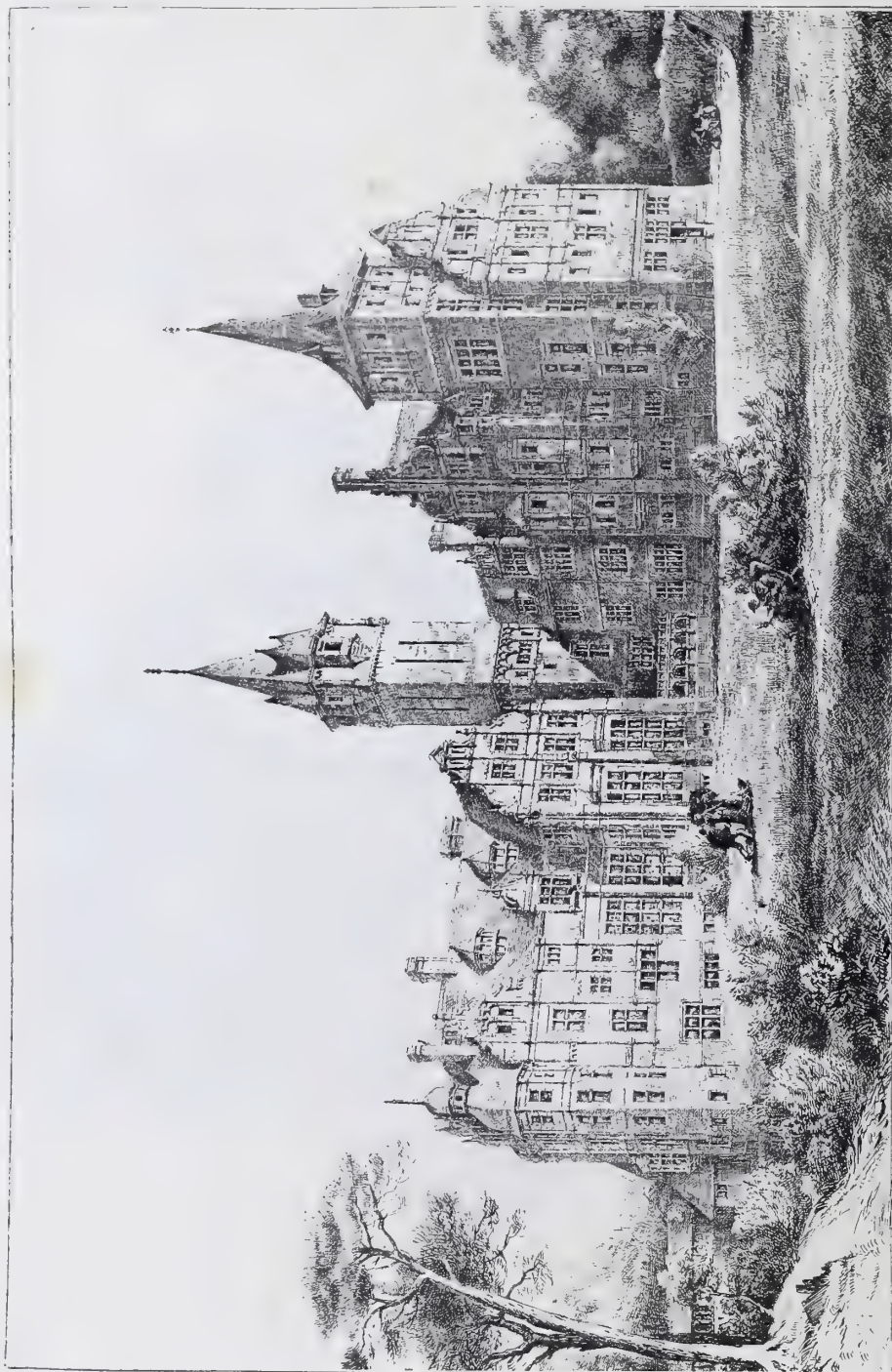
1791. Trinity United Presbyterian Church, Pollokshields, Glasgow, WILLIAM G. ROWAN, Architect.



1932. *New House, Palace Court, Kensington, for P. Ness, Esq., WILLIAM FLOCKHART, Architect.*

Ornamental Plaster Ceilings—Battiscombe & Harris, 49 & 50 Great Marylebone Street, Portland Place, London, W.

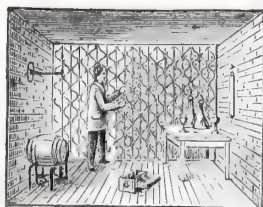




1875. *Convalescent Home at Swanley*, WOODD AND AINSLIE, Architects.

# FARROW AND JACKSON.

By Appointment to H.M. THE QUEEN and H.R.H. THE PRINCE OF WALES.



MAKERS OF

## WROUGHT IRON WINE BINS

As fitted at the Royal Palaces, and at the principal Hotels and Clubs.

## "REGISTERED 'CELLULAR' BINS

With separate Rest for each Bottle, Soda Water Racks, &c.

16 GREAT TOWER STREET, E.C., and 8 HAYMARKET, S.W.

*ILLUSTRATED CATALOGUES POST FREE.*

## The Farnley Iron Company, Limited, Leeds.

# Glazed Bricks,

The Company work their own Mines of Fire-clay, Coal, and Iron, and manufacture also

Porcelain Baths, Sinks, Wash tubs, Fire-bricks.

London—77 Queen Victoria Street, E.C. Depôt—L. & N. W. Railway, Broad Street, E.C.

## SLATES.

## ROBERTS, ADLARD & CO.,

Telegraphic Address—  
"Dralda, London."

47 EASTCHEAP, LONDON, E.C.

BANGOR, DINORWIC, PORTMADOC, CARNARVON, AND OTHER WELSH SLATES

Delivered at any Station in England, Scotland or Wales.

WESTMORELAND, EUREKA, AND PERMANENT GREEN SLATES ALWAYS IN STOCK.

*SLABWORK of all kinds, plain and enamelled, supplied and fitted for Export or Otherwise.*

WHARF AND STEAM SLATE WORKS, BERMONDSEY WALL, LONDON, S.E.

SLATING AND TILING ESTIMATED FOR AND PROMPTLY EXECUTED.



## BRICK ORNAMENT AND ITS APPLICATION.

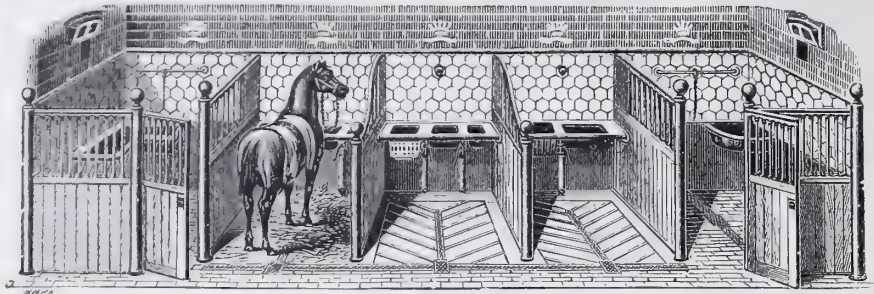
## JAMES BROWN, Essex Wharf, Whitechapel, E.

London Depôt: ESSEX WHARF, WHITECHAPEL, E.

Catalogue Parts 1, 2, 3 and 4, Now Ready. *Telegraphic Address* : "BRICKS, LONDON."



**BARTON AND BALLARD**  
**STABLE FITTING MANUFACTURERS**  
 By Special Appointment to H.R.H. the Prince of Wales.



151 OXFORD STREET, LONDON, W.

**Estimates free. SAMUEL ELLIOTT, Superior Finish.**  
**Albert Moulding Mills and Joinery Works, Newbury.**

SPECIALITIES IN HARD AND SOFT JOINERY AND MOULDINGS OF THE HIGHEST CLASS.

(One of the largest Manufacturers in England, with the highest reputation.)

**TESTIMONIALS FROM EMINENT ARCHITECTS.**

*Interior Fittings to Houses, Public Buildings, and Ecclesiastical Edifices, prepared, fixed, and polished.*  
*Distance no object.*

Awards at Newbury, London (3), Brussels, Paris (2), York, Edinburgh, Brighton, Cologne, Derby and Wolverhampton.

The Moulding Catalogues of Registered Designs, (Free on application) are the most complete ever published.

Manufacturer and Patentee of the **Patent Simplex Weather Bar** for French Casements and Windows. This Patent has been used throughout at the New Police Offices, R. NORMAN SHAW, Esq.; R.A., Architect; also at the New Imperial Institute, T. E. COLLETT, Esq., Architect; and is being specified for use to the Principal Public Buildings at home and abroad.

55, LIONEL STREET,  
 BIRMINGHAM.

**WROUGHT IRON  
 CASEMENTS,**

Guaranteed  
 Water-Tight.

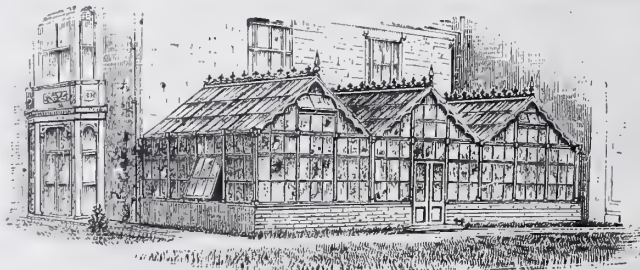
*Illustrated Catalogue  
 Post free on  
 application.*

ESTABLISHED 1818.

**HENRY HOPE**

**HORTICULTURAL  
 BUILDER & HEATING  
 ENGINEER.**

**HEATING  
 APPARATUS,**  
 For all kinds of  
**BUILDINGS,**  
 on the newest and  
 most perfect  
 systems.



*Architects' designs carried out for Conservatories, Hot Houses, &c., with the most approved forms of Heating and Ventilation.*

In Course of Publication, Parts One to Four Now Ready.

---

*To be completed in Six Parts, each containing Twenty-two Plates, Eighteen of which will be reproduced from Photographs specially taken for the Work; the others will be from Drawings by the Authors. With Letterpress illustrated by numerous Sketches.*

# ARCHITECTURE OF THE RENAISSANCE IN ENGLAND:

ILLUSTRATED BY A SERIES OF VIEWS AND DETAILS FROM BUILDINGS ERECTED  
BETWEEN THE YEARS 1560—1630, WITH HISTORICAL AND CRITICAL TEXT;

BY

J. ALFRED GOTCH, F.S.A., F.R.I.B.A.,

AUTHOR OF "A COMPLETE ACCOUNT OF THE BUILDINGS OF SIR THOMAS TRESHAM."

ASSISTED BY

W. TALBOT BROWN, A.R.I.B.A.

*The Size of the Plates is 14 in. by 10 in., on Fine Paper, 19 in. by 14 in.*

*The Price to Subscribers is 21/- per Part, nett, in Portfolio; to Non-Subscribers, 25/-.*

*The remaining Parts will be issued at intervals of about Three Months.*

---

"The plates are very attractive, and should be full of instruction for professional students of architecture, as well as for all admirers of an art in which modern England has so much to learn from the past."—*The Times*.

"The reproductions are very good and represent the details of the buildings with great sharpness, as well as the texture of the stones and the incidents of light and shadow."—*The Builder*.

"For the general design and execution of the part before us we have nothing but praise. Within the limits which the authors have assigned to themselves we know of nothing to compare with it."—*The Daily News*.

"The first part well realises the promises with which it was announced. . . . The photographs were all specially taken for this fine work, and the plates in the first part are all well executed."—*The Building News*.

"A book the publication of which will certainly rank as one of the chief events of the architectural year."  
—*The Artist*.

"The book is admirably produced, and leaves little to be desired in respect of choice paper, type, and quality of printing, both of plates and letterpress. . . . The photographic work is very good in expressing the detail with clearness and precision."—*The British Architect*.

---

*Full Prospectus and Order Form on application to.*

B. T. BATSFORD, 52 HIGH HOLBORN, LONDON.



INTERNATIONAL INVENTIONS EXHIBITION, LONDON, 1885.

A GOLD MEDAL FOR INGENUOUS DEVICES



IN ORGAN MECHANISM.



ROYAL LETTERS PATENT.



A. GERN,  
***Organ Builder,***

BOUNDARY ROAD, NOTTING HILL, LONDON.

A. G. begs to inform Architects, that he is prepared to build Organs, with either the Tubular Pneumatic or Electro Pneumatic Action, which will allow Organs to be placed in any position most suitable for sound; and to suit Architects' designs. Any information respecting the above may be obtained of A. G., with testimonials. High-class work only.

---

**BATTISCOMBE & HARRIS,**

*49 and 50 Great Marylebone Street, Portland Place,*  
LONDON, W.

**Manufacturers of Interior Architectural Ornamental Work, in  
Wood, Fibrous Plaster, and Carton Pierre.**

**Carvers and Modellers.**

---

**Ceilings—Italian, French, and Flemish Renaissance—Elizabethan, Georgian,  
Adams' and other Styles—in Fibrous Plaster.**

---

**Chimney Pieces and Overmantels, Carved Wood and in Pine—enriched with Carton  
Pierre—for Painting.**

**ARCHITECTS' DESIGNS CAREFULLY EXECUTED.**

---

**ESTIMATES SUPPLIED ON APPLICATION WITH PARTICULARS**



OAK PANELLING  
PARQUET FLOORING  
PAINTING

*HOUSE DECORATION*

*and FURNISHING*

BY

**HOWARD & SONS**

*DESIGNERS & MAKERS*

25, 26 & 27 BERNERS ST  
LONDON. W.

DESIGNS FREE.

## LONGDEN & COMPANY,

447 OXFORD STREET, LONDON, W., AND PHENIX FOUNDRY, SHEFFIELD.

IRONFOUNDERS  
AND  
MANUFACTURERS  
OF  
RANGES & COOKING  
APPARATUS.

DOG GRATES.  
TEALE GRATES.  
TILED STOVES.  
FENDERS.  
FIRE IRONS, &c.

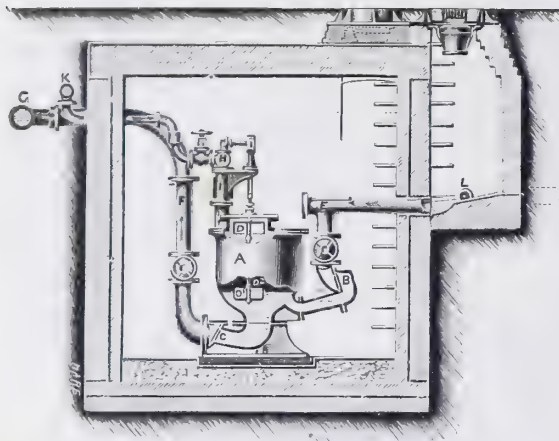


WORKERS  
IN BRASS,  
WROUGHT  
IRON, &c.  
ERECTORS  
OF HEATING  
APPARATUS  
BY HOT WATER  
OR STEAM.

Sole Makers of the  
"SUNBEAM"  
RADIATOR.

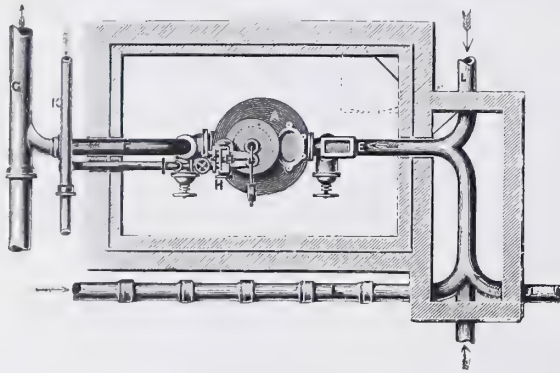
TELEGRAPHIC ADDRESS—  
"Telegram"—London.  
"Register"—Sheffield.





*To Borough Engineers, Local Board Surveyors,  
Sanitary Engineers, &c.*

# The Shone Hydro-Pneumatic Sewerage System.



*SHONE'S PNEUMATIC EJECTORS,*

For Raising Sewage, Sludge, Pail Contents  
Water, &c.

## ADVANTAGES :

Sewage Gas not Generated. Impounding of  
Sewage altogether Prevented. Small pipe,  
Sewers only required. Any number of  
Ejector Stations may be economically worked  
from one Air-Compressing Station. Each  
Ejector works Automatically.

## REFERENCE.

A, Pneumatic sewage ejector ; B, Sewage inlet ball-valve ; C, Sewage outlet ball-valve ; D, Bell actuating automatic valve ; D1, Cup actuating automatic valve ; D2, Spindle or rod actuating automatic valve ; E, Sewage inlet-pipe ; F, Sewage outlet-pipe ; G, Sewage delivery main (cast iron) ; H, Automatic valve ; I, Compressed air inlet-pipe ; J, Exhaust air outlet-pipe ; K, Compressed air main (cast iron) ; L, Gravitation stoneware pipe sewers.

*The above system is in operation in about fifty towns in this country and abroad, and has been applied by the English Government to the Drainage of the Houses of Parliament. It has been adopted for the Drainage of the Chicago Exhibition.*

# HUGHES & LANCASTER,

*London Office, 16 GT. GEORGE ST.,  
WESTMINSTER.  
Chester Office, CITY ROAD.  
Liverpool Office, 26 CHAPEL ST.*

*Manufacturers & Sole Licensees,*

*Telegraphic Addresses—  
VOIDANCE, LONDON.  
LANCASTER, CHESTER.  
DIAGRAM, LIVERPOOL.*

## CHESTER & LONDON.

*For further Information and for Illustrated Pamphlets, apply to the London Office as above. Also for Pamphlet and Reports on HUGHES & LANCASTER'S Patent Low-pressure Compressed Air Tramway System.*

# E. & J. M. VERITY,

*CALL LANE, LEEDS,*

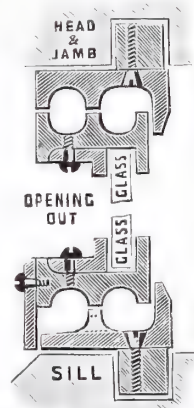
Manufacturers of Machine-made Steel, Wrought Iron and Gun Metal Casements.

STEEL CASEMENTS and FRAMES, Sections below are half size.

(GUARANTEED WEATHER and WATER-PROOF.)



When Sills are Rabbeted,  
Fixing Fillet is dispensed  
with.



Hinged at side on strong brass butts opening Outwards or Inwards, and prepared to receive glass in one Square each, and with Square Heads.

Quality A are fitted with Gun Metal Lever Handles and patent Casement Stay, Polished or Bronzed; the 4ft. 6in. and upwards have our treble Espagnolette Bolt Fastening with Gun Metal Sockets and Handles.

Quality B have Malleable Lever Handles and any of our patent Casement Stays; the 4ft. 6in. and upwards with Malleable Espagnolette Bolts.

	Quality A.	Quality B.	Fixing Fillets.	Glazing Fillets.
Under 2ft. in height. . . .	38/-	30/-	3/-	3/-
„ 3ft. „ . . . .	44/-	34/-	3/6	3/6
„ 4½ft. „ . . . .	56/-	40/-	4/-	4/-
„ 6ft. „ . . . .	70/-	50/-	4/6	4/6

Semi-Circular or Gothic Heads or the Casement curved to suit Bow or Segment Windows 10/6 each extra, the height of Casements regulate price, the width may be from 2 feet to 6 inches.

**Transom Lights** to above section hinged at top, bottom, or side, and fitted with any of our patent Regulators, any height to 3 feet, A quality 40/-; B quality 32/-. **Fixed Transom Lights, 25/-** each.

**WROUGHT IRON CASEMENTS** of a cheaper section for Cottages, Schools, &c., hinged at side to open outward or inwards, any width to 2 feet, and fitted with Malleable and Lever Handles and Stay.

2 feet high, 20/- . . . . . 3 feet high, 25/- . . . . . 4 feet high, 28/-.

Hopper Ventilators, 1 foot 6 inches high and under, 15/- each.

Do, . . . . . 2 feet high and under, 18/- each.

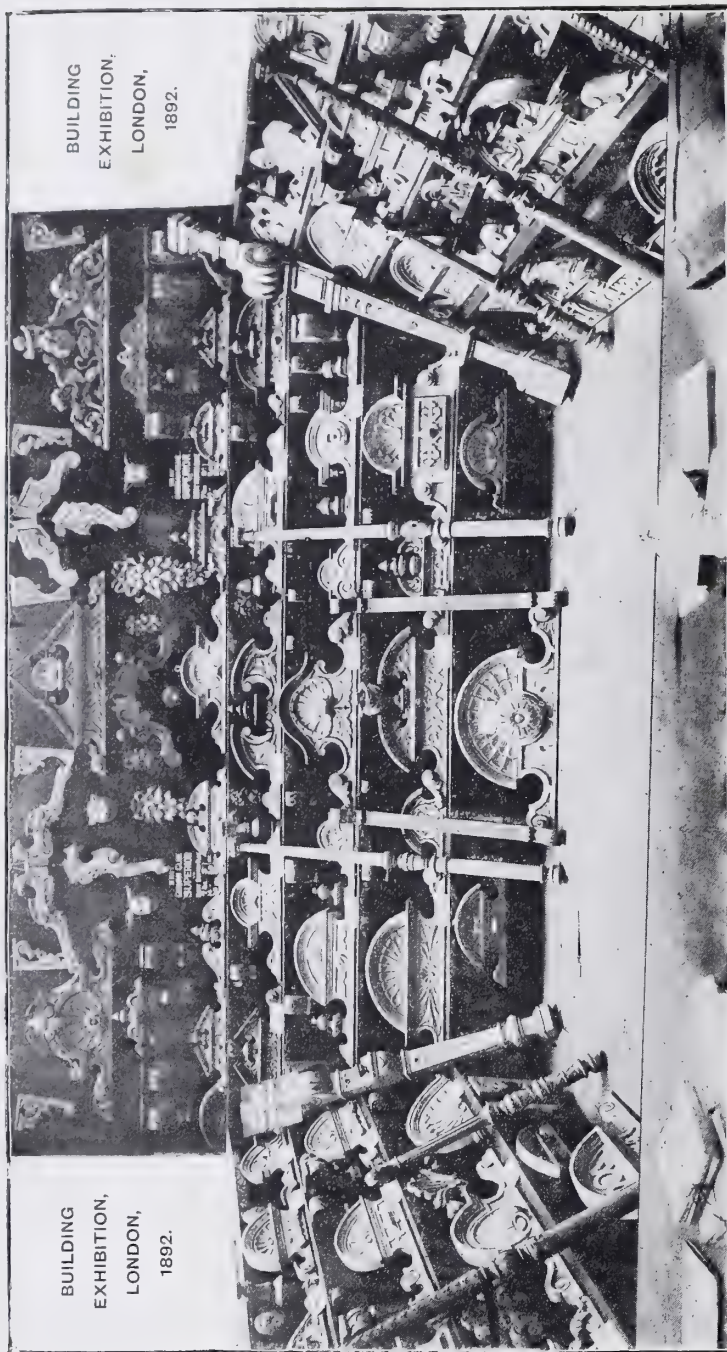


*ALSO PATENTEES AND MANUFACTURERS OF THE LARGEST ASSORTMENT OF*

Special Appliances for Opening Fan, Hopper and Lantern Lights, singly or in Ranges, either Vertical or Horizontal. Iron Skylights from 5/6 each, Casement Weather Bars, Air-Check Door Springs, Security Sash Fasteners, stops rattling in winds, Deadweight mortice, and Rim Locks, and Lock Furniture. Catalogues Free.



# THE HAND-CARVED WOOD SUPPLY COMPANY, 258 & 260 OLD STREET, LONDON, E.C.



Architects' Designs carefully carried out on the lowest terms.

The Reports of all the leading Trade Journals have been, we gladly say, absolutely favourable to our Collection which we exposed for general view at the  
**BUILDING EXHIBITION, 1892,**  
in regard to Workmanship and Designs, especially in regard to the enormously Cheap Prices.

*Timber Trades' Journal*, 10/3/92. No. 812.  
"THE HAND-CARVED WOOD SUPPLY COMPANY, of 258 & 260 Old-street, London, E.C. exhibit a creditable assortment of Over-doors, Trusses, Brackets, Balusters, Newels, Panel Centres, Cabinet Tops, &c., in Hard and Soft Woods. These are all Hand-Made."

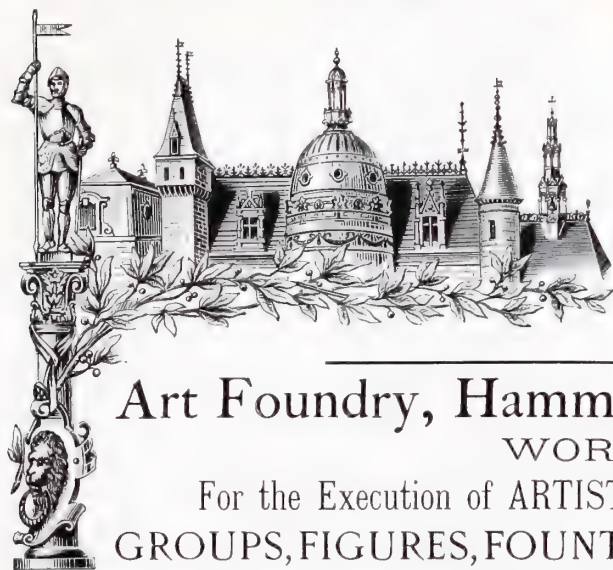
*Building News*, 18/3/92. No. 1941.  
"THE HAND-CARVED WOOD SUPPLY Co., 258, 260, Old-street, E.C., show some good specimens of Hand-Carved Wood-work of a very superior kind."

*Architect*, 25/3/92.  
"HAND CARVED WOOD SUPPLY Co.—  
This Company, of Old-st., E.C., show most excellent Designs Carved in Wood, particularly suitable for Architectural purposes, and for Ornamental requirements."

*Timber & Wood-working Machinery*, 19/3/92.  
THE HAND-CARVED WOOD SUPPLY COMPANY, LONDON.—  
"An excellent exhibit is made by this Firm of Hand-Carved Wood-work of the best Designs, Material & Handwork."

*Illustrated Carpenter and Builder*, 1/4/92.  
"At Stand No. 100, THE HAND-CARVED WOOD SUPPLY Co., 258 and 260, Old-street, London, exhibit a fine and varied Collection of most Artistic Hand-Carved Wood-work of the best Designs, Materials and Handwork, at extremely Low Prices. Architects and Builders will thus be able to introduce novel, aesthetic, and beautiful decorative features in edifices of the class in which before there was no opportunity of using such ornamentation."

# THE COLOGNE METAL-ORNAMENT WORKS.



Manufacturers in Metal

FOR

ARCHITECTURAL  
Structures,  
Ornaments & Decorations  
OF  
Every Kind and Modelling,  
IN  
ZINC, COPPER, BRASS, LEAD, &c.

Art Foundry, Hammering and Stamping  
WORKS,

For the Execution of ARTISTICAL COMPOSITIONS as  
GROUPS, FIGURES, FOUNTAINS, MONUMENTS, &c.,  
TO ANY DESIRED DESIGN OR MODEL.

CATALOGUE WITH 2,000 DRAWINGS.

LARONDELLE, PELZER & CO., COLOGNE (on the RHINE).

---

## MEYER'S STONE-CEMENT

SERVES TO

Imitate and Repair Marble, Granite, Porphyry,

Sandstone, Limestone, Lithographic Stones, &c.,

Also for Mending Broken Edges of Flagstones and Steps,

Repairing the Façades of Churches, Monuments, Statues, &c.

Its principal advantages are—(1) Every kind of Stone (Marble, Granite, Freestone, Sandstone, &c.) can be repaired by it. (2) No head is required in making the mend. (3) It can be coloured in any way required, and the stone may be imitated perfectly. (4) The joins are unaffected by any kind of weather and remain permanently as hard and as durable as the rest of the stone. (5) The cost becomes trifling in comparison with advantages, when it is remembered that one must always use from two to four parts of stone-dust or hard sand to one part of the Cement. (6) The mend is hard and solid in two days, and may be worked, carved, sawn, or polished afterwards in the same way as an ordinary block of stone.

*Hundreds of Testimonials from all Parts of the World.*

E. FRED. MEYER, STONE MERCHANT, FREIBURG (BADEN).



# TERRA-COTTA

IN RED, PINK, BUFF, & ORANGE BROWN.

## WILDERNESS WORKS, WREXHAM.

THE Wilderness Terra-Cotta is an honest and beautiful material for building, in substance indestructible, with a hard surface, impervious to moisture, and unaffected by acids or atmospheric impurities. All the Wilderness Terra-Cottas are burnt their natural colours. No colouring matter is used in manufacture, nor are the goods "dipped" or "washed." The surface is that left by the tool, and the colour that made by the direct action of the fire on the oxides of iron contained in the clay. The Works are fitted up with the newest and best machinery for expeditious and large production, and are connected with the Great Western Railway main line.

Architects are invited to visit the Works, which are situated one mile and a half from Wrexham Station.

*Samples will be sent on application.*

Among other buildings now in course of erection, constructed, wholly, or in part, of the Wilderness Terra-Cotta are the following:—

		Architects.
LONDON	{ Messrs. Bolding's premises, Davies Street, Grosvenor Square, W.	J. T. WIMPERIS & ARBER.
LIVERPOOL	{ New business premises in South Audley Street, W. University College, with Jubilee Clock Tower Church of St. John the Evangelist (interior) St. Leonard's Church, Bootle. Liverpool College (Upper School) Carnatic Hall, Mossley Hill Presbyterian Church, Waterloo Prudential Assurance Buildings Pumping Station, Northfield Board Schools New Free Library, Spring Hill Harborne Hall Lodge Board School Lads' Club	T. CHATFIELD CLARKE & SON. A. WATERHOUSE, R.A. THOMAS C. CLARKE. GEORGE BRADBURY (Diocesan Surveyor.) E. H. BANNER. JAMES RHIND. W. H. WEIGHTMAN & SONS. A. WATERHOUSE, R.A.
BIRMINGHAM		MARTIN & CHAMBERLAIN.
MANCHESTER		SMITH, WOODHOUSE & WILLOUGHBY.
STOCKPORT		{ ALFRED DARBYSHIRE, F.R.I.B.A., and F. BENNETT SMITH.
BIRKENHEAD AND NEIGHBOURHOOD	{ New Welsh Church Welsh Baptist Church St. Matthew's Church Residence at Bidstone " " " " at Bebington " " " " "Sunlight" Estate at Bebington " " " " (Dining Hall) Friends' Meeting House National School Turkish Baths Church, Birkdale Common Plas-y-n-Green	ALDRIDGE & DEACON. J. G. OWEN. J. C. OGLE. GRAYSON & OULD. WILLINK & THICKNESSE. DAVID WALKER. T. WAINWRIGHT & SONS. T. COOK & SON. GRAYSON & OULD. WM. OWEN, F.R.I.B.A. GRAYSON & OULD. THOMAS C. CLARKE. STONES & GRADWELL. PALEY & AUSTIN. HORNBLOWER & SON,
HOYLAKE		
BLACKBURN		
SOUTHPORT		
DENBIGH		
LLANDUDNO	{ New Railway Station for the London and North Western Railway Company	
SMETHWICK	{ New Railway Station for the London and North Western Railway Company	

## CLARK AND REA, LIMITED,

WILDERNESS WORKS, WREXHAM.

Manufacturers of Terra-Cotta, Moulded Brickwork, Flooring and Roofing Tiles, &c.

ALL THE WORLD OVER





ESSEX & COMPANY,

Wall Paper - Printers -

114 & 116 Victoria Street,

Westminster - London, W.

and

Essex Street, BOSTON.

EIN HÖCHST EIGENARTIGES SKIZZENBUCH!

OTTO RIETH'S

# ARCHITEKTUR-SKIZZEN,

120, Handzeichnungen in Autotypie, 1kl. Jfol.

APARTE AUSSTATTUNG. ELEG. GEB. PREIS 20M.

Das originelle Werk bietet in handlichem Format jedem Architekten eine Fülle phantasiereicher Motive. Ausführl. Prospect auf Verl. frei.

Verlag von Georg Siemens. Nollendorfstr. 42. Berlin, W. 57.

---

## FRANZ SPENGLER,

BERLIN S.W. ALTE JAKOBSTR. 6.

EXACT BESCHLAG FABRIK.

*Luftdicht* schliessende Fensterriegel; massiv gebohrte *geräuschloslaufende* Fenster- und Thürbänder; Thürriegel mit *obligatorischem* Schluss; Zimmer- und Hausthürschlösser mit *vernickelten kleinen Hartstahlschlüsseln*; *Schiebethür-, Pendelthür-, Fensterlüftungs-* Beschläge, *bronzene und eiserne Thür- und Fenstergriffe* in verschiedenen Stylarten.

Illust. Liste kostenfrei.



Schlösser für Hotels,  
Clubs, Logen, etc., mit  
Hauptschlüssel und be-  
liebiger Inschrift.



THE  
**BLACKMAN VENTILATING CO.,**  
LIMITED,

ENGINEERS AND SPECIALISTS  
IN VENTILATING AND WARMING,

Sole Licensees and Makers in Europe under the Blackman and the Smead

WARMING, VENTILATING, AND SANITARY PATENTS,

Having acquired an extensive and special experience in handling many thousands of successful Installations for Mechanical Ventilation, invite correspondence from Committees, Architects, Builders, and others who are practically interested, and will be glad to forward printed matter to any address, and to submit Schemes and Estimates for



TRADE MARK

WARMING AND  
VENTILATING



TRADE MARK

any proposed or existing building.

All difficulty in the employment or transmission of power to any part of a Building, wherever ELECTRIC CURRENT is available for driving, can be avoided by using the

**ELECTRIC BLACKMAN,**

Or BLACKMAN FAN and ELECTRIC MOTOR combined (WATEL'S PATENT).

Besides this it facilitates distribution of effect, and is extremely economical in working.

The BLACKMAN-SMEAD SYSTEM of WARMING and VENTILATING is now being introduced into the NORWICH CASTLE MUSEUM, NORWICH; BOARD SCHOOL at STREET, SOMERSET; SALFORD TECHNICAL SCHOOL, SALFORD; TECHNICAL SCHOOL, SHEFFIELD; FRIENDS' MEETING HOUSE, BIRKENHEAD, &c. The superiority of this system over all others is attested by the many thousand successful applications in the United States and Canada, and by the success it has attained in this country.

The Smead System of Drier Closets for Schools; the Smead Crematory for Fecal Matter, for use in Factories, Hospitals, &c.

HEAD OFFICE : 63 FORE STREET, LONDON, E.C.

Branches at MANCHESTER, BRADFORD, BRISTOL, and GLASGOW.

GETTY CENTER LIBRARY



0105 00613 1649



4/- Nett